



ACCT: Accounting

ACCT 121 Introduction to Accounting I 3 cr

77847 Sec J01 Course Dates: 8/30 - 12/15 Williams, V
8/30 - 12/15 M,W 7:10p - 8:40p EG 219

77848 Sec JD1 Course Dates: 8/30 - 12/15 Pierce, J
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Covers the fundamentals of accounting using a service business to illustrate the analysis of business transactions, journalizing, posting and preparation of trial balances and financial statements. Adjusting entries, closing procedures and payroll are introduced. As of Fall 1996, ACCT S121 and S122 together will satisfy the ACCT S201 requirement.

ACCT 121 Introduction to Accounting I 3 cr

77849 Sec TP1 Course Dates: 8/30 - 12/15 Knight, L
8/30 - 12/15 - JD Hs

\$75 additional fee for section TP1

Covers the fundamentals of accounting using a service business to illustrate the analysis of business transactions, journalizing, posting and preparation of trial balances and financial statements. Adjusting entries, closing procedures and payroll are introduced. As of Fall 1996, ACCT S121 and S122 together will satisfy the ACCT S201 requirement.

ACCT 201 Principles of Financial Accounting 3 cr

77852 Sec J01 Course Dates: 8/30 - 12/15 Hamilton, J
8/30 - 12/15 T,R 11:30a - 1:00p EG 223

77854 Sec JD1 Course Dates: 8/30 - 12/15 Haavig, M
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

77855 Sec JD2 Course Dates: 8/30 - 12/15 Haavig, M
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD2

Introduction to accounting concepts and procedures for a business. Emphasis is on the accounting cycle and the recording, summarizing and interpretation of accounting data. This course will satisfy the requirements for both ACCT S121 and ACCT S122 in the certificate program. ACCT S121 and ACCT S122 together will substitute for ACCT S201.

ACCT 202 Principles of Managerial Accounting 3 cr

77856 Sec J01 Course Dates: 8/30 - 12/15 Foss, L
8/30 - 12/15 M,W 7:10p - 8:40p EG 109

77857 Sec JD1 Course Dates: 8/30 - 12/15 Hamilton, J
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

77858 Sec JD2 Course Dates: 8/30 - 12/15 Hamilton, J
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD2

Prerequisite: ACCT S201 and MATH S055 or instructor permission.

A continuation of elementary accounting concepts and procedures with the introduction of manufacturing operations and time value of money and cost accounting principles. Job order costing, process costing, cost-volume-profit, budgeting, and variances are introduced. Cash flows and financial statements analysis are also covered.

ACCT 222 Computer Automated Accounting 3 cr

77859 Sec JD1 Course Dates: 8/30 - 12/15 Hassell, S
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Prerequisite: ACCT S121 and ACCT S122 or ACCT S201.

This course demonstrates how a computer system can be used effectively for the complete accounting cycle. Particular emphasis is placed on general ledger, accounts payable, accounts receivable and payroll related transactions.

ACCT 291 Internship: Accounting 1 - 6 cr

79293 Sec J01 Course Dates: 8/30 - 12/15 Haavig, M
8/30 - 12/15 - ARR

ACCT 310 Income Tax for Individuals 3 cr

77861 Sec JD1 Course Dates: 8/30 - 12/15 Haavig, M
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

77862 Sec JD2 Course Dates: 8/30 - 12/15 Haavig, M
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at

direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD2

Prerequisite: ACCT S201.

A study of federal and state income taxes relating to individual citizens of Alaska with emphasis on the preparation of tax returns, tax planning and analysis of selected tax problems.

ACCT 311 Intermediate Accounting I **3 cr**
77863 Sec J01 Course Dates: 8/30 - 12/15 Williams, V
8/30 - 12/15 T,R 11:30a - 1:00p HB 205

77864 Sec JD1 Course Dates: 8/30 - 12/15 Williams, V
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: ACCT S202.

An in-depth study of the accounting sequence, principles and rules governing financial statements. Includes discussion of cash, receivables, inventory, fixed assets and intangible assets. The time value of money as it relates to financial accounting situations will also be addressed.

ACCT 312 Intermediate Accounting II **3 cr**
77866 Sec JD1 Course Dates: 8/30 - 12/15 Williams, V
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: ACCT S311.

Continuation of the study of intermediate accounting including the principles governing financial reporting of liabilities, investments, deferred taxes, revenues and stockholder's equity. Preparation of the cash flow statement and disclosure information will also be addressed.

ACCT 316 Accounting Information Systems **3 cr**
77867 Sec JD1 Course Dates: 8/30 - 12/15 Hassell, S
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: ACCT S202 and three credits of CIOS.

Design and analysis of accounting systems for business entities in various industries specifically adapted for data processing. Includes data processing application for internal control, payroll, accounts payable and receivable, and other accounting procedures.

ACCT 379 Fund and Governmental Accounting **3 cr**
77894 Sec J01 Course Dates: 8/30 - 12/15 Haavig, M
8/30 - 12/15 M,W 12:00p - 1:00p SOB

Prerequisite: Restricted to state employees and instructor permission is required. This course requires an additional hour of online coursework including assignments, quizzes, and tests. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

Prerequisite: ACCT S202.

Emphasizes accounting and reporting standards for state and local governments. Includes an in-depth discussion of fund accounting.

ACCT 452 Auditing **3 cr**
77869 Sec JD1 Course Dates: 8/30 - 12/15 Blanchard, J
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order books from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or toll-free 1-800-478-9069.

\$75 additional fee for section JD1

77836 Sec JD2 Course Dates: 8/30 - 12/15 Blanchard, J
8/30 - 12/15 Distance Web
Delivered:

\$75 additional fee for section JD2

Prerequisite: ACCT S312.

Procedures for verification of financial data and the professional standards applicable to the auditor's examination of financial statements and expression of opinion relative to them.

ACCT 454 Fraud and Forensic Examination **3 cr**
77870 Sec JD1 Course Dates: 8/30 - 12/15 Staack, A
8/30 - 12/15 T,R 5:15p - 6:30p Distance Sattle
8/30 - 12/15 T,R 5:15p - 6:30p EL 104

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: ACCT S201 or BA S325.

Stacked with BA S454-JD1.

Provides a broad detailed overview of the practical issues and techniques that encompass fraud investigation and examination, forensic accounting, legal and liability issues, related criminology, and ethical considerations.

ACCT 491 Accounting Internship **1 - 6 cr**
79294 Sec J01 Course Dates: 8/30 - 12/15 Haavig, M
8/30 - 12/15 - ARR

Prerequisite: Instructor Approval Form required.

AKL: Alaska Languages

AKL 103 Tlingit I **1 cr**
78419 Sec T01 Course Dates: 9/24 - 12/15 Littlefield, R
9/24 - 12/15 M 4:00p - 5:00p SC 202
Instructor and students will meet on the Sitka Campus and may

videoconference with students outside of Sitka. For more information call the Sitka Campus at (907) 747-7714 or Toll Free (800) 478-6653 ext. 7714. (Stacked class with AKL S103-TD1)

78430 Sec TD1 Course Dates: 9/24 - 12/15 Littlefield, R
9/24 - 12/15 M 4:00p - 5:00p Distance

Students will be required to participate from a video conferencing site (typically on a UA campus). For more information call the Sitka Campus at (907) 747-7714 or Toll Free (800) 478-6653 x7714 (stacked class with AKL 103-T01)

\$40 additional fee for section TD1

A class designed to help students speak and understand the Tlingit language. Students learn the alphabet, pronunciation of alphabet sounds, words, simple sentences, and grammar.

AKL 105 Elementary Tlingit I 4 cr

77392 Sec J01 Course Dates: 8/30 - 12/15 Twitchell, L
8/30 - 12/15 T,R 5:30p - 7:30p EG 219

\$15 additional fee for section J01

79472 Sec TD1 Course Dates: 8/30 - 12/15 Littlefield, R
8/30 - 12/15 T,R 5:30p - 7:30p Distance Audio

\$40 additional fee for section TD1

AKL S105-J01, JD1 stacked.

An introduction to basic Tlingit grammatical structures and vocabulary with an emphasis on the development of listening and speaking skills.

AKL 107 Elementary Haida I 4 cr

80508 Sec JD1 Course Dates: 9/11 - 12/15 Young, B
9/11 - 12/15 T,R 5:30p - 7:30p EL 210
9/11 - 12/15 T,R 5:30p - 7:30p Distance Audio

Audio conference. Juneau students may join audio at an assigned campus location. Requires access to computer with Pentium 2 or better processor, Internet and e-mail. Access the course site at uas.alaska.edu/online for class information, and edit personal profile. Books available from MBS at direct.mbsbooks.com/htm, or call 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 in Juneau, or toll-free 1-877-465-4827 x6163.

\$55 additional fee for section JD1

Not stacked.

The Haida Language, Xaat Kil, is the traditional language of the Haida people of Haida Gwaii and Southeast Alaska. Students will learn to speak and understand basic Haida and focus on four basic language skills: speaking, listening comprehension, reading, and writing. Emphasis will be on mastery of everyday vocabulary, and basic Haida grammatical patterns.

AKL 193 ST: Intro to Tlingit Reading, Spelling, and Transcription 3 cr

79311 Sec J02 Course Dates: 8/30 - 12/15 Taff, A
8/30 - 12/15 T,R 3:00p - 4:30p EG 226

\$15 additional fee for section J02

Designed to help speakers of the Tlingit language learn the alphabet, pronunciation of alphabet sounds, words, simple sentences, and common grammatical terms. Focus is on reading written Tlingit, and writing Tlingit in the standardized coastal orthography.

AKL 193 ST: Southeast Alaska Native Song and Dance 3 cr

79972 Sec J03 Course Dates: 8/30 - 12/15 James, L
8/30 - 12/15 S 5:00p - 8:00p JREC 106

\$64 additional fee for section J03

Explores the traditional physical activities of Southeast Alaska Native

groups through dancing, singing, and drumming. Examines the differences between types of songs and dances within the Tlingit, Tsimshian, and Haida cultures with a focus on proper use and performance protocols. Covers basics of regalia making, and use of clan crests. Students will make their own drum, learn how to introduce songs, and will learn different styles of Southeast Alaska Native dancing.

AKL 193 ST: Tlingit for the Family and Dormant Speaker I 2 cr

79310 Sec J01 Course Dates: 8/30 - 12/15 Hotch, M
8/30 - 12/15 F 5:30p - 7:30p EG 115

\$10 additional fee for section J01

79970 Sec JD1 Course Dates: 8/30 - 12/15 Hotch, M
8/30 - 12/15 F 5:30p - 7:30p Distance Elive

Distance Audio and eLive. Requires access to computer with Pentium 2 or better processor, Internet and email, a jumpdrive, and means to record audio through the computer. Access UAS Online at uas.alaska.edu/online for class information; enrolled students must edit personal profile. Order books from MBS at direct.mbsbooks.com/ualaska.htm, or call 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 or 1-877-465-4827x6163.

\$50 additional fee for section JD1

In a family-based environment, students learn methods to utilize Tlingit in the home across generations. Household nouns and activities are covered, with methods to remain in the language and create a positive atmosphere for language learning.

AKL 205 Intermediate Tlingit I 4 cr

77394 Sec J01 Course Dates: 8/30 - 12/15 Twitchell, L
8/30 - 12/15 M,W 5:30p - 7:30p EG 115

\$15 additional fee for section J01

77395 Sec JD1 Course Dates: 8/30 - 12/15 Twitchell, L
8/30 - 12/15 M,W 5:30p - 7:30p Distance Audio

Broadcast live.. Requires Internet and e-mail. Access UAS-Online at uas.alaska.edu/online for class information, and edit your personal profile. Order books from MBS at direct.mbsbooks.com/ualaska.htm, or call 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 in Juneau, or toll free 1-877-465-4827 x6163.

\$55 additional fee for section JD1

Prerequisite: AKL S106 or instructor permission.

AKL S205-J01, JD1 stacked.

An intermediate level continuation of the AKL S105/S106 sequence with further emphasis on development of language skills (listening, comprehension, reading, writing, speaking) and an added focus on the orthography and tone system, as well as vocabulary building and cultural elements.

AKL 293 ST: Tlingit for the Family and Dormant Speaker III 2 cr

79314 Sec J01 Course Dates: 8/30 - 12/15 Hotch, M
8/30 - 12/15 F 5:30p - 7:30p EG 115

\$10 additional fee for section J01

79971 Sec JD1 Course Dates: 8/30 - 12/15 Hotch, M
8/30 - 12/15 F 5:30p - 7:30p Distance Elive

Designed for the dormant speaker, which is someone who was raised around the Tlingit language and can understand much of the language but has difficulty forming complete sentences. Through a series of family-based activities and lessons, this class aims to take learners who are already familiar with the language and move them toward conversational fluency. Distance Audio and eLive. Requires access to computer with Pentium 2 or better processor, Internet and email, a jumpdrive, and means to record audio through the computer. Access UAS Online at

uas.alaska.edu/online for class information; enrolled students must edit personal profile. Order books from MBS at direct.mbsbooks.com/ualaska.htm, or call 1-800-325-3252, or fax 1-800-499-0143.

\$50 additional fee for section JD1

Designed for the dormant speaker, which is someone who was raised around the Tlingit language and can understand much of the language but has difficulty forming complete sentences. Through a series of family-based activities and lessons, this class aims to take learners who are already familiar with the language and move them toward conversational fluency.

AKL 305 Advanced Tlingit I **3 cr**
80759 Sec J02 Course Dates: 8/30 - 12/15 Twitchell, L
8/30 - 12/15 - ARR
\$15 additional fee for section J02

Prerequisite: AKL S206 or instructor permission.

A continuation of AKL S206. All communication skills will be refined.

AKL 401 Alaska Language Apprenticeship/Mentorship **3 cr**
77399 Sec J01 Course Dates: 8/30 - 12/15 Hotch, M
8/30 - 12/15 T 3:00p - 4:00p

Prerequisite: Instructor permission.

Pass/Fail grading.

Structured study of an Alaska Native language. Student works intensively with a mentor fluent in the target language. Selection of mentor requires instructor approval. Attend weekly class with instructor and meet regularly with mentor for a minimum of 7 hours per week. Course may be repeated for a total of 12 credits.

AKL 493 ST: Tlingit Conversation, Transcription, & Translation **1 cr**
77409 Sec J01 Course Dates: 8/30 - 12/15 Taff, A
8/30 - 12/15 W 3:30p - 5:30p

Pre-requisite: AKL S293 or instructor approval.

Students will work in supervised lab on translation and transcription from video recordings of Tlingit conversations. During transcription, and translation with elders, and in individualized proof-reading of their work, students will advance their knowledge in language skills such as complex verb morphology.

AKL 497 IS: AK Natv Lang Revitalizatn **3 cr**
80801 Sec J01 Course Dates: 8/30 - 12/15 Twitchell, L
8/30 - 12/15 - ARR

ALST: Alaska Studies

ALST 300 Alaska Studies **3 cr**
78431 Sec JD1 Course Dates: 8/30 - 12/15 Pennington, T
8/30 - 12/15 Distance Web
Delivered:

Requires Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 907-796-6035.

\$90 additional fee for section JD1

Prerequisite: Pre-service teacher or AK teaching certificate.

Provides an overview of the environment and the residents, both indigenous and immigrant, of Alaska. Emphasis is given to the social, economic and political history of Alaska and the religious and educational institutions and laws that affect the people of Alaska. This

course meets the state requirement for teacher certification in Alaska History/ Alaska Studies.

ANTH: Anthropology

ANTH 101 Introduction to Anthropology **3 cr**
77425 Sec J01 Course Dates: 8/30 - 12/15 Hill, E
8/30 - 12/15 T,R 11:30a - 1:00p EG 112
\$25 additional fee for section J01

An introduction to the fundamentals of the four subfields of anthropology: archaeology, cultural anthropology, biological anthropology, and anthropological linguistics. Practical applications of anthropological concepts and perspectives are emphasized. Case materials are drawn from cultures around the world.

ANTH 202 Cultural Anthropology **3 cr**
78568 Sec KD1 Course Dates: 8/30 - 12/15 Mobley, O
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for registration information. Call 1-888-550-6177 with questions or for registration information.
\$80 additional fee for section KD1

79593 Sec KD2 Course Dates: 8/30 - 12/15 Mobley, O
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
\$80 additional fee for section KD2

Basic theories, methods, and concepts of cultural anthropology. Includes analysis of social, political, economic, belief and symbolic systems. Serves as a foundation for more specialized courses in cultural anthropology.

ANTH 205 Biological Anthropology **3 cr**
77427 Sec J01 Course Dates: 8/30 - 12/15 Hill, E
8/30 - 12/15 M,W 9:45a - 11:15a EG 108
\$25 additional fee for section J01

A study of human biology including genetics, human evolution and variation, adaptations, ecology and primatology.

ANTH 342 Arctic Ethnology **3 cr**
77439 Sec J01 Course Dates: 8/30 - 12/15 Hill, E
8/30 - 12/15 T,R 3:00p - 4:30p EG 224
\$25 additional fee for section J01

A survey of the cultures of circumpolar regions from Siberia and Alaska to Canada and Greenland. Emphasis on subsistence patterns, ecology, social organization, belief systems, inter-ethnic relations, and contemporary issues.

ANTH 363 Ethnohistory **3 cr**
77440 Sec J01 Course Dates: 8/30 - 12/15 Monteith, D
8/30 - 12/15 M,W 11:30a - 1:00p EG 220
\$25 additional fee for section J01

Examines methods, theories, and applications of the interdisciplinary approach of ethnohistory. Integrates analysis of different sources of information including oral narratives, historical narratives, archival sources, government documents, and archaeological evidence.

ANTH 410 History of Anthropology **3 cr**
 77441 Sec J01 Course Dates: 8/30 - 12/15 Monteith, D
 8/30 - 12/15 T 5:30p - 8:30p HB 201
 \$25 additional fee for section J01

The intellectual history of the discipline of anthropology is analyzed through the examination of ethnographic and theoretical works.

ANTH 475 Alaska Native Social Change **3 cr**
 78569 Sec KD1 Course Dates: 8/30 - 12/15 Schulte, P
 8/30 - 12/15 Distance Web
 Delivered:
 Delivered via web. Requires access to internet, email, TV/DVD and MSWord. Microphone/headset is optional. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Student must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
 \$75 additional fee for section KD1

Tradition and change in Alaska Native cultures and social institutions. A study of persistence and change in social structure and world view of Alaska Native peoples.

ANTH 493 Research Collections in Anthropology **3 cr**
 79837 Sec K01 Course Dates: 8/30 - 12/15 Schulte, P
 8/30 - 12/15 -

Instructor permission required

Analysis and classification of ethnographic research collections from Southeast Alaska. Includes management of oral recordings and photographic collections with consideration of ethical and legal considerations.

ANTH 497 IS: Muslim Marriage Practices **3 cr**
 79459 Sec J01 Course Dates: 8/30 - 12/15 Monteith, D
 8/30 - 12/15 - ARR

ANTH 497 Ind Sty: Sociocultural influences of Dietary Choices **3 cr**
 80777 Sec J02 Course Dates: 8/30 - 12/15 Monteith, D
 8/30 - 12/15 - ARR

ART: Art

ART 105 Beginning Drawing **3 cr**
 77316 Sec J01 Course Dates: 8/30 - 12/15 Woodie, D
 8/30 - 12/15 T,R 6:30p - 9:30p SB 105
 \$30 additional fee for section J01
 78748 Sec T01 Course Dates: 8/30 - 12/15 Campbell, N
 8/30 - 12/15 T 6:00p - 9:00p SC 214
 \$30 additional fee for section T01
 79053 Sec J02 Course Dates: 8/30 - 12/15 Wedler, A
 8/30 - 12/15 M,W 11:30a - 2:00p SB 105
 \$30 additional fee for section J02

Introduction to basic elements in drawing. Emphasis on a variety of

techniques and media.

ART 160 Art Appreciation **3 cr**
 77385 Sec J01 Course Dates: 8/30 - 12/15 Huff, B
 8/30 - 12/15 T,R 1:15p - 2:45p HB 113
 \$30 additional fee for section J01

78751 Sec TD1 Course Dates: 8/30 - 12/15 Zacher, E
 8/30 - 12/15 W 7:00p - 8:30p Distance Elive
 Go to www.uas.alaska.edu/sitka/start to get started in your distance class. Order books from MBS Direct.
 \$40 additional fee for section TD1

79813 Sec TD2 Course Dates: 8/30 - 12/15 Meizner, K
 8/30 - 12/15 T 7:00p - 8:30p Distance Elive
 Go to www.uas.alaska.edu/sitka/start to get started in your distance class. Order books from MBS Direct.
 \$40 additional fee for section TD2

Course is designed to stimulate thought and develop an appreciation of the visual arts. There will be an emphasis on how art is useful in everyday life, how it speaks and what it means.

ART 162 Color and Design **3 cr**
 77317 Sec J01 Course Dates: 8/30 - 12/15 Woodie, D
 8/30 - 12/15 T,R 9:45a - 11:15a SB 105
 \$90 additional fee for section J01

Fundamentals of color and visual perception. Emphasis on two dimensions. Four hours lab per week required.

ART 180 Northwest Coast Art: Selected Topics **2 cr**
 80846 Sec K01 Course Dates: 9/22 - 9/29 Churchill-Burns, H
 9/22 - 9/29 M,T,W 6:00p - 9:00p HC
 9/22 - 9/29 U 1:00p - 6:00p HC
 9/22 - 9/29 S 10:00a - 4:00p HC

Materials and techniques used in NWC art works. Will teach a wide array of basket design techniques to create a variety of beautiful textures and woven patterns. Projects and activities will cater to each student's weaving level.

\$90 additional fee for section K01

Pass/Fail grading.

Materials and techniques used in Northwest Coast art works. The subtitle of each course gives the specific art form covered. Lab requirements vary.

ART 201 Beginning Ceramics **3 cr**
 77318 Sec J01 Course Dates: 8/30 - 12/15 Kane, J
 8/30 - 12/15 T 8:30a - 1:00p SB 106
 \$125 additional fee for section J01

78753 Sec T01 Course Dates: 8/30 - 12/15 Zacher, E
 8/30 - 12/15 M 6:00p - 9:00p SC 109
 \$45 additional fee for section T01

Not stacked with other levels.

Introduction to the making and firing of clay objects. Study of clay methods of forming decorations, glazing and firing.

ART 205 Intermediate Drawing **3 cr**
 77319 Sec J01 Course Dates: 8/30 - 12/15 Woodie, D
 8/30 - 12/15 T,R 3:00p - 5:15p SB 105
 Live models in classroom.
 \$30 additional fee for section J01

78755 Sec T01 Course Dates: 8/30 - 12/15 Campbell, N
8/30 - 12/15 T 6:00p - 9:00p SC 214
\$30 additional fee for section T01
Prerequisite: ART S105 or instructor permission.

Exploration of pictorial composition and creative interpretation of subjects. Four hours lab per week required.

ART 209 Beginning Printmaking 3 cr
77320 Sec J01 Course Dates: 8/30 - 12/15 Dalthorp, P

8/30 - 12/15 W 5:30p - 10:00p SB 102
\$90 additional fee for section J01

ART S209 not stacked with other levels.

Introduction to the history and techniques of image creation and reproduction, archaic to digital, on a variety of materials including paper, hard surfaces, and textiles. Techniques are not limited to plexiglass, linoleum, wood block, metal plate, and silkscreen processes. Emphasis is on artistic expression vis-a-vis media and audience.

ART 213 Beginning Painting 3 cr
77322 Sec J01 Course Dates: 8/30 - 12/15 Wedler, A

8/30 - 12/15 M,W 5:30p - 8:00p SB 105
\$30 additional fee for section J01

Prerequisite: ART S205 or instructor permission.

ART S213/313/413 stacked.

Introduction to basic materials and techniques in painting in oil and acrylic mediums.

ART 213 Beginning Painting 3 cr
79517 Sec K01 Course Dates: 8/30 - 12/15 Rubin, D

8/30 - 12/15 T,R 7:00p - 9:00p ROBT 117
\$70 additional fee for section K01

Prerequisite: ART S205 or instructor permission.

ART S213/313/413 stacked.

Introduction to basic materials and techniques in painting in oil and acrylic mediums.

ART 221 Introductory Photography 3 cr
77323 Sec J01 Course Dates: 8/30 - 12/15 Gelotte, D

8/30 - 12/15 T 9:15a - 11:15a HB 205
8/30 - 12/15 - WB 103

Three hours lab per week required TBA; schedule times through instructor. Students must have access to a 35mm non-digital camera.

\$60 additional fee for section J01

Basic principles of photography; how the camera functions and the utilization of these features for artistic expression; processing and printing of black and white film; laboratory and classroom demonstrations; relationships of photography to other art media.

ART 222 Digital Camera Photography 3 cr
77324 Sec J01 Course Dates: 8/30 - 12/15 Gelotte, D

8/30 - 12/15 T 5:30p - 8:30p WB 102
\$60 additional fee for section J01

Basic principles of photography, with emphasis on digital media. Introduces digital imaging technology, photo composition and lighting, using leading software to process images, and printing and electronic distribution. Emphasis is on the artistic value of digital imaging as a medium, as well as in relation to traditional photography and other forms of artistic expression. Students must have basic computer skills and access to a digital camera.

ART 230 Artists Studio I 1 - 3 cr
78756 Sec T01 Course Dates: 8/30 - 12/15 Zacher, E

8/30 - 12/15 F 9:00a - 12:00p SC 109

80567 Sec T02 Course Dates: 8/30 - 12/15 Campbell, N
8/30 - 12/15 T 6:00p - 9:00p SC 112

\$30 additional fee for section T02

Presents exploration of a variety of media. Students will design and complete independent projects.

ART 261 History of World Art I 3 cr

78574 Sec K01 Course Dates: 8/30 - 12/15 Radzilowski, J
8/30 - 12/15 T,R 12:00p - 1:20p PAUL 519

78758 Sec TD1 Course Dates: 8/30 - 12/15 Zacher, E

8/30 - 12/15 R 4:30p - 6:00p Distance Elive

Go to www.uas.alaska.edu/sitka/start/ to get started in your distance class. Order book from MBS Direct.

\$40 additional fee for section TD1

Origins of western art and its progressive development from the beginning to contemporary art. Starts with the origins and progresses through the Romanesque period.

ART 262 History of World Art II 3 cr

77390 Sec J01 Course Dates: 8/30 - 12/15 Wedler, A
8/30 - 12/15 M,W 3:30p - 5:00p EG 112

\$20 additional fee for section J01

A continuation of ART 261 starting with the Gothic period and continuing through contemporary times. ART 261 and 262 may be taken in reverse order, however course content is presented in a chronological sequence starting with the fall semester.

ART 282 Beginning Northwest Coast Basketry 2 cr

81088 Sec K01 Course Dates: 10/27 - 11/3 Churchill-Burns, H

10/27 - 11/3 M,T,W 6:00p - 9:00p HC

10/27 - 11/3 U 1:00p - 6:00p HC

10/27 - 11/3 S 10:00a - 4:00p HC

\$90 additional fee for section K01

ART S282/382/482 stacked.

Pass/Fail grading.

This course will guide beginning students in learning and practicing cedar bark weaving methods. Students will be introduced to materials preparation and traditional Haida-style weaving techniques. Beginning students will create a rattletop basket with basic alternating colors and primary and secondary design.

ART 285 Beginning Northwest Coast Carving: Animal Form Bowl 2 cr

77326 Sec J01 Course Dates: 10/6 - 10/21 Watkins, R
10/6 - 10/21 U,S 9:00a - 6:00p HB 113

\$50 additional fee for section J01

ART 285/385/485 stacked.

Pass/Fail grading.

An introduction to traditional NW Coast carving in wood. Using traditional tools, students will learn to carve an alder bowl in the form of an animal.

ART 285 Beginning Northwest Coast Carving 1 - 3 cr

79370 Sec T01 Course Dates: 9/11 - 12/15 Joseph, T
9/11 - 12/15 T 6:00p - 9:00p SITKA

\$4.55 - Student Accident Insurance TINS Note: Students with

their own tools should bring them to class.

\$5 additional fee for section T01

ART 285/385/485 stacked.

Pass/Fail grading.

An introduction to traditional Northwest Coast carving in wood. Possible projects may include carving spoons, halibut hooks, relief panels, bentwood bowls or boxes.

ART 286 Beginning Northwest Coast Woolen Weaving 2 cr

80094 Sec T01 Course Dates: 11/5 - 11/17 Rofkar, T
11/5 - 11/17 M,T,W,R,F 6:00p - 9:00p SC 202
11/5 - 11/17 S 9:00a - 1:00p SC 202

ART 286/386/486 stacked.

Pass/Fail grading.

An introduction to traditional twining techniques that were used in ceremonial garments along the Northwest Coast will be studied through creation of regalia.

ART 293 ST: Digital Photographic Printing 3 cr

78896 Sec J01 Course Dates: 8/30 - 12/15 Huff, B
9/10 - 12/15 M 5:30p - 8:30p WB 102
\$75 additional fee for section J01

Students will learn tactical techniques and workflow to create successful digital prints. We will discuss color, local and global editing, and use Photoshop as a tool to reach optimum output. Epson printers will be used to produce high quality prints of your digital photographs. Additional lab times required to complete assignments (TBA).

ART 301 Intermediate Ceramics 3 cr

77329 Sec J01 Course Dates: 8/30 - 12/15 Kane, J
8/30 - 12/15 R 8:30a - 1:00p SB 106
\$125 additional fee for section J01

78760 Sec T01 Course Dates: 8/30 - 12/15 Zacher, E
8/30 - 12/15 M 6:00p - 9:00p SC 109

\$45 additional fee for section T01

Prerequisite: ART S201 or permission.

Not stacked with other levels.

A continuation of basic ceramics with an emphasis on the potter's wheel, glaze calculations and plaster as it relates to pottery. Four hours lab per week required.

ART 305 Advanced Drawing 3 cr

77330 Sec J01 Course Dates: 8/30 - 12/15 Woodie, D
8/30 - 12/15 T,R 3:00p - 5:15p SB 105

Live models in classroom.

\$30 additional fee for section J01

Prerequisite: ART S205.

ART S205/305/405 may be stacked.

Advanced exploration of pictorial compositions and creative interpretation of subjects. Special topics and media will be introduced.

ART 309 Intermediate Printmaking 3 cr

77331 Sec J01 Course Dates: 8/30 - 12/15 Dalthorp, P
8/30 - 12/15 W 12:30p - 5:00p SB 102
\$90 additional fee for section J01

Prerequisite: ART S209.

ART S309/S409 stacked with ART S311/S411.

Development and refinement of skills previously acquired in Art S209.

ART 311 Intermediate Sculpture 3 cr

77332 Sec J01 Course Dates: 8/30 - 12/15 Dalthorp, P
8/30 - 12/15 W 12:30p - 5:00p SB 102

\$90 additional fee for section J01

Prerequisite: ART S211 or permission.

ART S309/S409 stacked with ART S311/S411.

More advanced exploration of the sculptural idea; work on an individual basis with more advanced use of a variety of techniques and materials.

ART 313 Intermediate Painting 3 cr

77333 Sec J01 Course Dates: 8/30 - 12/15 Wedler, A
8/30 - 12/15 M,W 5:30p - 8:00p SB 105

\$30 additional fee for section J01

Prerequisite: ART S213.

ART S213, S313, S413 stacked.

Development of expressive skills in painting in any media. Emphasis on pictorial and conceptual problems.

ART 330 Artists Studio, Intermediate 1 - 3 cr

78763 Sec T01 Course Dates: 8/30 - 12/15 Zacher, E
8/30 - 12/15 F 9:00a - 12:00p SC 109
\$40 additional fee for section T01

A continuation of exploration of a variety of media. Students will design and complete independent projects.

ART 385 Intermediate Northwest Coast Carving: Animal Form Bowl 2 cr

77335 Sec J01 Course Dates: 10/6 - 10/21 Watkins, R
10/6 - 10/21 U,S 9:00a - 6:00p HB 113

\$50 additional fee for section J01

Prerequisite: ART S285 (3 credits).

ART 285/385/485 stacked.

Pass/Fail grading.

Continued study of traditional Northwest Coast carving in wood with emphasis on more complex technique. Using traditional tools, students will carve an alder bowl in the form of an animal.

ART 385 Intermediate Northwest Coast Carving 1 - 3 cr

79371 Sec T01 Course Dates: 9/11 - 12/15 Joseph, T
9/11 - 12/15 T 6:00p - 9:00p SITKA

\$4.55 - Student Accident Insurance TINS Students with their own tools should bring them to class.

\$5 additional fee for section T01

Prerequisite: ART S285 (3 credits).

ART 285/385/485 stacked.

Pass/Fail grading.

Continued study of traditional Northwest Coast carving in wood. Emphasis on more complex relief or three-dimensional carving using Northwest Coast Designs.

ART 386 Intermediate Northwest Coast Woolen Weaving 2 cr

80095 Sec T01 Course Dates: 11/5 - 11/17 Rofkar, T
11/5 - 11/17 M,T,W,R,F 6:00p - 9:00p SC 202
11/5 - 11/17 S 9:00a - 1:00p SC 202

Prerequisite: ART S286 (3 credits).

ART 286/386/486 stacked.

Pass/Fail grading.

Continued study of traditional twining techniques from the Northwest Coast Native cultures. Discussion of the history of twined regalia, dyeing and spinning techniques, as well as traditional designs.

ART 401 Advanced Ceramics 3 cr
77336 Sec J01 Course Dates: 8/30 - 12/15 Kane, J
8/30 - 12/15 W 5:30p - 10:00p SB 106
\$125 additional fee for section J01

78764 Sec T01 Course Dates: 8/30 - 12/15 Zacher, E
8/30 - 12/15 M 6:00p - 9:00p SC 109
\$45 additional fee for section T01

Prerequisite: Instructor permission is required for all students; as well as previous completion of ART S301.

Not stacked with other levels.

Advanced wheel work and hand building; advanced clay body and glaze calculation as needed. Study of the practical application of ceramics in commercial fields. May be repeated for credit.

ART 405 Senior Drawing 3 cr
77337 Sec J01 Course Dates: 8/30 - 12/15 Woodie, D
8/30 - 12/15 T,R 3:00p - 5:15p SB 105
Live models in classroom.
\$30 additional fee for section J01

Prerequisite: ART S305.

ART S205/305/405 may be stacked.

Individual development and exploration of creative interpretation in a variety of drawing media. May be repeated for credit with permission of instructor. Four hours lab per week required.

ART 409 Advanced Printmaking 3 cr
77338 Sec J01 Course Dates: 8/30 - 12/15 Dalthorp, P
8/30 - 12/15 W 12:30p - 5:00p SB 102
\$90 additional fee for section J01

Prerequisite: ART S309.

ART S309/S409 stacked with ART S311/S411.

Advanced development of printmaking techniques and ideas. May be repeated for credit.

ART 411 Advanced Sculpture 3 cr
77339 Sec J01 Course Dates: 8/30 - 12/15 Dalthorp, P
8/30 - 12/15 W 12:30p - 5:00p SB 102
\$90 additional fee for section J01

Prerequisite: ART S311.

ART S309/S409 stacked with ART S311/S411.

Advanced exploration of the sculptural idea in various media; metal techniques, mixed media inlay and architectural sculpture (stone and concrete). May be repeated for credit.

ART 413 Advanced Painting 3 cr
77340 Sec J01 Course Dates: 8/30 - 12/15 Wedler, A
8/30 - 12/15 M,W 5:30p - 8:00p SB 105
\$30 additional fee for section J01

Prerequisite: ART 313.

ART 213/313/413 stacked.

Individual development of technical and creative processes in painting in any media. May be repeated for credit with permission of instructor.

ART 430 Artists Studio, Advanced 1 - 3 cr
78765 Sec T01 Course Dates: 8/30 - 12/15 Zacher, E
8/30 - 12/15 F 9:00a - 12:00p SC 109
\$40 additional fee for section T01

Advanced studio work in a variety of media. Students will design and complete independent projects. May be repeated for credit.

ART 485 Advanced Northwest Coast Carving: Animal Form Bowl 2 cr
77341 Sec J01 Course Dates: 10/6 - 10/21 Watkins, R
10/6 - 10/21 U,S 9:00a - 6:00p HB 113
\$50 additional fee for section J01

Prerequisite: ART S385 (3 credits).

ART 285/385/485 stacked.

Pass/Fail grading.

Advanced NW Coast carving in wood, with emphasis on advanced design and technique. Using traditional tools, students will carve an alder bowl in the form of an animal.

ART 485 Advanced Northwest Coast Carving 1 - 3 cr
79372 Sec T01 Course Dates: 9/11 - 12/15 Joseph, T
9/11 - 12/15 T 6:00p - 9:00p SITKA
\$4.55 - Student Accident Insurance TINS Students with their
won tools should bring them.
\$5 additional fee for section T01

Prerequisite: ART S385 (3 credits).

ART 285/385/485 stacked.

Pass/Fail grading.

Advanced study of Northwest Coast carving in wood, with increased emphasis on both contemporary and traditional designs. May be repeated for credit.

ART 486 Advanced Northwest Coast Woolen Weaving 2 cr
80096 Sec T01 Course Dates: 11/5 - 11/17 Rofkar, T
11/5 - 11/17 M,T,W,R,F 6:00p - 9:00p SC 202
11/5 - 11/17 S 9:00a - 1:00p SC 202

Prerequisite: ART S386 (3 credits).

ART 286/386/486 stacked.

Pass/Fail grading.

Advanced study of traditional twined woolen weaving, with increased emphasis on complex designs. May be repeated for credit.

ART 495 Career Development for the Artist 3 cr
77343 Sec J01 Course Dates: 8/30 - 12/15 Dalthorp, P
8/30 - 12/15 F 1:10p - 5:40p SB 102
\$90 additional fee for section J01

Prerequisite: Junior standing.

Teaches advanced skills in professional art presentation. Students discuss the development of creative ideas and the relevance of concept to artistic development. Students develop web sites, resumes, and portfolios for employment and graduate study. May be repeated for credit.

ASL: American Sign Language

ASL 101 Beginning American Sign Language I 4 cr
77436 Sec J01 Course Dates: 8/30 - 12/15 Evans / Olmstead
8/30 - 12/15 M,W 5:30p - 8:00p EG 224
\$25 additional fee for section J01

An introduction to visual communication. Emphasis will be on grammatical foundations for American Sign Language (ASL). Introduction to the American Deaf culture, its mores and significant issues. Demonstrations of ASL discourse, analysis and derivations, signs and grammatical structures. Two hours lab per week required, for pragmatic application of linguistic principles.

ASL 293 ST: Intermediate American Sign Language I 4 cr
77437 Sec J01 Course Dates: 8/30 - 12/15 Josi / Storey
8/30 - 12/15 T,R 5:30p - 8:00p EG 114
\$25 additional fee for section J01

Prerequisite: ASL S101 or instructor permission.

A continuation of ASL 102. Students will learn more complicated grammatical structures and continue to build ASL vocabulary and fluency. Continued exploration of deaf culture and education of deaf students.

ASTR: Astronomy

ASTR 225 General Astronomy 3 cr
78039 Sec J01 Course Dates: 9/20 - 12/15 Warner, M
9/20 - 12/15 T,R 5:30p - 7:20p HB 206
There will be an additional 4.5 hour required session, date TBA.
\$25 additional fee for section J01

Dealing with the physical properties of astronomical bodies, this course is intended for the general student. Earth-based and satellite observation of light, cosmic rays, meteors, stars, galaxies and other extraterrestrial phenomena are included. Discussion will encompass present ideas of the origin of the universe and its future.

AT: Aviation Technology

AT 100 Private Pilot Ground School 4 cr
79241 Sec T01 Course Dates: 8/30 - 12/15 Hunter, M
8/30 - 12/15 M,T,W,R,F 11:00a - 12:25p MT
\$100 additional fee for section T01

Investigation of the theoretical foundations of flying and preparation for the Federal Aviation Administration Private Pilot (Airplane) written examination. Includes airplane and engine operation and limitations, airplane flight instruments, navigation, the navigation computer, meteorology and aviation weather services, air traffic control, flight publications and FAA regulations. Extensive use of FAA films.

AT 193 Private Pilot Ground School 3 cr
79594 Sec T01 Course Dates: 8/30 - 12/15 Anderson, T
8/30 - 12/15 W 6:00p - 9:00p SC 215
Student supply list will be available in August. Cost: \$TBA

AUTO: Automotive Tech

AUTO 102 Introduction to Automotive Technology 3 cr
77345 Sec J01 Course Dates: 8/30 - 12/15 Martin, T
9/10 - 12/15 M 6:00p - 10:00p TEC 105
9/10 - 12/15 M 6:00p - 10:00p TEC 216
\$60 additional fee for section J01

Introduction to all components on an automobile. Includes career information for the automotive industry, shop safety, hand tools, fasteners, and basic automotive service.

AUTO 102 Introduction to Automotive Technology 3 cr
77346 Sec TP1 Course Dates: 8/30 - 12/15 Squires, S
8/30 - 12/15 - JD Hs
\$75 additional fee for section TP1

Introduction to all components on an automobile. Includes career information for the automotive industry, shop safety, hand tools, fasteners, and basic automotive service.

AUTO 102 Introduction to Automotive Technology 3 cr
77347 Sec TP2 Course Dates: 8/30 - 12/15 Sweetman, D
8/30 - 12/15 - OT Ketch
\$75 additional fee for section TP2

Introduction to all components on an automobile. Includes career information for the automotive industry, shop safety, hand tools, fasteners, and basic automotive service.

AUTO 121 Auto Electrical I 3 cr
77348 Sec J01 Course Dates: 8/30 - 10/18 Martin, T
8/30 - 10/18 T,R 6:00p - 10:00p TEC 216
8/30 - 10/18 T,R 6:00p - 10:00p TEC 105
\$60 additional fee for section J01

Corequisite: AUTO S102.

Fundamental electrical theory for the automotive technician. Diagnosis and repair of starting and charging systems.

AUTO 122 Engine Performance I 3 cr
77349 Sec J01 Course Dates: 10/23 - 12/15 Martin, T
10/23 - 12/15 T,R 6:00p - 10:00p TEC 216
\$60 additional fee for section J01

Corequisite: AUTO S121.

General engine diagnosis and engine-related service.

AUTO 162 Suspension and Alignment 4 cr
77352 Sec J01 Course Dates: 8/30 - 12/15 Baker, D
8/30 - 12/15 W 6:00p - 8:00p TEC 216
9/8 - 12/15 S 9:00a - 1:00p TEC 105
\$60 additional fee for section J01

Corequisite: AUTO S121.

Modern automotive suspension, alignment, and steering theory. Laboratory emphasis on inspection, service, and adjustments, including four wheel alignment.

AUTO 194 Auto Practicum I 1 - 6 cr
77353 Sec J01 Course Dates: 8/30 - 12/15 Martin, T
8/30 - 12/15 - ARR

Prerequisite: Advisor approval.

Provides supervised workplace experience in selected industry settings. Integrates knowledge and practice to achieve basic level competencies. Requires a valid Alaska driver's license and a personal tool box meeting industry standards. May be repeated for up to 6 credits.

AUTO 225 Auto Heating and Air Conditioning **3 cr**
 77356 Sec J01 Course Dates: 8/30 - 12/15 Martin, T
 8/30 - 12/15 W 12:30p - 4:10p TEC 216
 \$60 additional fee for section J01

Corequisite: AUTO S121.

Theory, diagnosis, and repair of automotive heating and air conditioning systems.

AUTO 227 Auto Electrical III **3 cr**
 77354 Sec J01 Course Dates: 8/30 - 12/15 Martin, T
 8/30 - 12/15 - ARR
 \$60 additional fee for section J01

Prerequisite: AUTO S131.

Theory, diagnosis, and repair of automotive electrical and electronic systems, to include accessories.

AUTO 282 Auto Mechanics Open Lab **3 cr**
 77355 Sec J01 Course Dates: 8/30 - 12/15 Burns, R
 8/30 - 12/15 F 5:30p - 11:00p TEC 133
 \$150 additional fee for section J01

Prerequisite: AUTO S102.

Pass/Fail grading.

Laboratory course in automotive repair and maintenance. Students are required to develop a personal study based on the task list for the eight (8) ASE repair areas. Power Technology students are encouraged to take this course. Student projects are limited to component repair and running vehicles with current registration. Pass/Fail grading. May be repeated for credit.

BA: Business Administration

BA 151 Introduction to Business **3 cr**
 77896 Sec J01 Course Dates: 8/30 - 12/15 Wolk, R
 8/30 - 12/15 T,R 7:10p - 8:40p EG 224

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

77897 Sec JD1 Course Dates: 8/30 - 12/15 Boyer, M
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

77898 Sec JD2 Course Dates: 8/30 - 12/15 Boyer, M
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at

direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD2

Business organization, nature of major business functions such as management, finance, accounting, marketing and personnel administration. Opportunities and requirements for professional business careers.

BA 152 Business Foundation Simulation **3 cr**
 77900 Sec JD1 Course Dates: 8/30 - 12/15 Connoles, H
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Prerequisite: BA S151.

Provides application of concepts from BA S151. Students will make managerial decisions for a company in competition with other simulated companies. They will gain experience in thinking about the main functional areas of the business and how those affect firm performance in a competitive economic environment.

BA 201 Introduction to Management and Supervision **3 cr**
 77902 Sec J01 Course Dates: 8/30 - 12/15 Amstutz, A
 8/30 - 12/15 M,W 7:10p - 8:40p EG 223

Introduction to supervision basics dealing with human resources and the management of a business.

BA 291 Internship: Entrepreneurship Internship **3 cr**
 78835 Sec JD1 Course Dates: 8/30 - 12/15 Wolk, R
 8/30 - 12/15 - ARR
 \$40 additional fee for section JD1

Pass/Fail grading.

Internship focused on starting your business.

BA 301 Principles of Management **3 cr**
 77904 Sec JD1 Course Dates: 8/30 - 12/15 Ivy, J
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at bookstore.mbsdirect.net/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

77905 Sec JD2 Course Dates: 8/30 - 12/15 Ivy, J
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD2

Survey of the basics of management. Synthesis of the traditional and contemporary quantitative and behavioral approaches to the subject of

management.

BA 310 Management Information Systems 3 cr
77906 Sec JD1 Course Dates: 8/30 - 12/15 Smith, K
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: CIOS S235 or CIOS S240.

Provides a managerial perspective showing how to use information systems. Course enables students to understand the information systems planning cycle covering five functional areas: financial, marketing, manufacturing and production, human resources, and office information systems.

BA 311 Buyer Behavior 3 cr
77907 Sec JD1 Course Dates: 8/30 - 12/15 Wolk, R
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS- Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: BA S343 recommended.

Examines how and why we behave as buyers and consumers and the implications for marketing. Practical application of the fundamental principles is emphasized.

BA 325 Financial Management 3 cr
77908 Sec JD1 Course Dates: 8/30 - 12/15 Staack, A
8/30 - 12/15 M,W 5:15p - 6:30p Distance Sattle
8/30 - 12/15 M,W 5:15p - 6:30p EL 104

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

79426 Sec JD2 Course Dates: 8/30 - 12/15 Staack, A
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD2

Prerequisite: ACCT S201.

Intensive analysis of the methods of financial planning and control, asset management, and other functions performed by the financial executive.

BA 330 Legal Environment of Business 3 cr
77909 Sec JD1 Course Dates: 8/30 - 12/15 Boyer, M
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

78733 Sec JD2 Course Dates: 8/30 - 12/15 Boyer, M
8/30 - 12/15 Distance Web
Delivered:

\$75 additional fee for section JD2

This course examines business in its relation to the legal and judicial systems and to government regulation. It explores legal concepts and issues pertaining to competition, sales, employees, liabilities and forms of doing business.

BA 343 Principles of Marketing 3 cr
77911 Sec JD1 Course Dates: 8/30 - 12/15 Wolk, R
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

77912 Sec JD2 Course Dates: 8/30 - 12/15 Wolk, R
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS- Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD2

Role of marketing in society and economy; the business firm as a marketing system; management of the firm's marketing effort.

BA 351 Organizational Behavior 3 cr
77913 Sec JD1 Course Dates: 8/30 - 12/15 Ivy, J
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Departmentalization, motivation, job enrichment, and business organization. Problem solving skills as applied to organizational problems.

BA 360 Business Organizations 3 cr
77969 Sec JD1 Course Dates: 8/30 - 12/15 Medenica, L
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

This course will cover the theoretical and substantive aspects of the formation, operation, and dissolution of various types of business organizations. The subjects will include the law of sole proprietorships, partnerships, limited liability companies, and corporations. Aspects of agency and employment law will also be examined.

BA 393 ST: Managing with Emotional Intelligence 3 cr
 78820 Sec JD1 Course Dates: 8/30 - 12/15 Wolk, B
 8/30 - 12/15 Distance Web
 Delivered:

\$75 additional fee for section JD1

An introduction to emotional intelligence, executive coaching, and appreciative inquiry as a means to facilitate change and create employee loyalty and to maximize the natural skills, talents and abilities of the employees that you manage while supporting the vision and mission of your organization. Evaluation of case studies is used to gain an understanding of the unfolding dynamics of planned and unplanned change within an organization and how you can work to create trust, curtail fear and fully participate in the many challenges you will face as a manager.

BA 412 Operations Management and Production 3 cr
 77915 Sec JD1 Course Dates: 8/30 - 12/15 Smith, K
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: MATH S107; and BA S374 or STAT S273.

Management of operations, production, service system with emphasis on quantitative analysis. Characteristics of systems, types of production and service, forecasting, scheduling, facility design, and other topics in operations management will be covered. Quantitative techniques include linear, integer and goal programming as forecasting and queuing models.

BA 427 Marketing and Entrepreneurial Financial Management 3 cr
 77916 Sec JD1 Course Dates: 8/30 - 12/15 Wolk, R
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: BA S325 and BA S343.

A detailed overview of the financial implications faced by those in sales, service, and marketing with an established business, and the financial implications faced by those interested in starting a business venture.

BA 454 Fraud and Forensic Examination 3 cr
 79320 Sec JD1 Course Dates: 8/30 - 12/15 Staack, A
 8/30 - 12/15 T,R 5:15p - 6:30p Distance Elive

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: ACCT S201 or BA S325.

Stacked with ACCT S454-JD1.

Provides a broad detailed overview of the practical issues and techniques that encompass fraud investigation and examination, forensic accounting, legal and liability issues, related criminology, and ethical considerations.

BA 461 Labor-Management Relations 3 cr
 77918 Sec JD1 Course Dates: 8/30 - 12/15 Rogers, C
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Assists executives, administrators and union business agents in the private and public sectors or students who aspire to such careers in dealing with collective benefit efforts of employees as developed and controlled by tradition, regulatory agencies and the courts. Coursework focuses on organizing, negotiating, arbitrating and the duty of a union to its members.

BA 462 Capstone: Strategic Management 3 cr
 77919 Sec JD1 Course Dates: 8/30 - 12/15 Connole, H
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: BA S301, BA S325, BA S343, and STAT S273.

In-depth examination of business policy and strategy. This course integrates the competencies and knowledge from the business disciplines and functional viewpoints into a comprehensive strategic planning and implementation process using a series of case studies and business simulation. Designed as the Capstone course for senior BBA students, intended to be taken during the final semester.

BA 487 International Business 3 cr
 77921 Sec JD1 Course Dates: 8/30 - 12/15 Medenica, L
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS- Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: ECON S201.

This course provides a comprehensive examination of international business environments and practices. Attention is given to how differences in culture, political/legal systems, and economic systems influence business practices and trade patterns. Special attention is given to how globalization influences business practices.

BA 490 The Political and Social Environment of Business 3 cr

77922 Sec JD1 Course Dates: 8/30 - 12/15 Smith, K
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

77970 Sec JD2 Course Dates: 8/30 - 12/15 Smith, K
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD2

Prerequisite: ECON S201.

Policy decisions and governmental regulations affecting business as well as the social responsibility of business in society.

BA 491 Internship: Entrepreneurship Internship II 3 cr

78836 Sec JD1 Course Dates: 8/30 - 12/15 Wolk, R
8/30 - 12/15 - ARR

\$75 additional fee for section JD1

Prerequisite: Instructor approval required.

Internship focused on growing your business.

BA 498 Applied Business Research 3 cr

78734 Sec JD1 Course Dates: 8/30 - 12/15 Connole, H
8/30 - 12/15 Distance Web
Delivered:

Prerequisite: Completion of all BBA emphasis courses, and departmental approval.

Investigation of an issue that falls within the scope of the students emphasis area. Topic must be approved by a faculty member who teaches in the student's emphasis area. May be repeated for credit.

BA 689 Research in Business Administration 3 cr

77924 Sec JD1 Course Dates: 8/30 - 12/15 Connole, H
8/30 - 12/15 Distance Web
Delivered:

Prerequisite: Restricted to students admitted to the MBA program or by permission. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: STAT S273 or equivalent.

In-depth examination of the various methods and techniques employed by those who do research in business and public administration or interpret and evaluate the research of others.

BA 692A Seminar in Finance 3 cr

77925 Sec JD1 Course Dates: 8/30 - 12/15 Staack, A
8/30 - 12/15 Distance Web
Delivered:

Prerequisite: Restricted to students admitted to the MBA program or by permission. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information and permission to enroll call 796-6402 or toll-free 1-800-478-9069.

\$75 additional fee for section JD1

Prerequisite: BA S325 or equivalent.

Survey of finance topics pertinent to business organizations. Topics include making decisions using present value concepts; the review of risk, return, and the opportunity cost of capital; capital investment decision making; market efficiency and corporate financing techniques; debt financing; risk management; working capital management; international concerns, governance and corporate control around the world.

BIOL: Biology

BIOL 101 Introduction to Biological Research Techniques I 3 cr

80075 Sec T01 Course Dates: 8/30 - 12/15 Labounty, K
8/30 - 12/15 M,T,W,R,F 9:40a - 11:00a SC 124

This course is a research based lab class focusing on the use of molecular tools to answer locally relevant ecological questions.

A research-based lab class focusing on the use of techniques and research tools to answer locally relevant ecological, taxonomic or management questions. Consists of lectures, lab and/or field work, reviewing scientific literature, and research writing. Students work alone or in pairs on research questions approved by the instructor to develop and implement a research plan for their project and write a synopsis of their research. Lab and field techniques appropriate to the plan will be taught. Note: Not accepted for Biology major credit or elective.

BIOL 103 Biology and Society 4 cr

78780 Sec TD1 Course Dates: 8/30 - 12/15 Labounty, K
8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.

\$85 additional fee for section TD1

Corequisite: MATH 105.

Fundamental principles of biology focusing on human biology, ecology and the environment. Laboratory sessions include field trips, experiments, demonstrations, and discussion of contemporary biological topics. For non-majors; cannot be used to fulfill requirement for biology majors.

BIOL 104 Natural History of Alaska 4 cr

78576 Sec K01 Course Dates: 8/30 - 12/15 Morgan, B
8/30 - 12/15 M 10:30a - 1:20p PAUL 301
8/30 - 12/15 W 10:30a - 1:20p PAUL 305

\$70 additional fee for section K01

The physical environment peculiar to the North and important in determining the biological setting: major ecosystem concepts to develop an appreciation for land use and wildlife management problems in both terrestrial and aquatic situations. May not be used as biology elective credit for a major in Biology. BIOL 104 fulfills a Natural Science General Education Requirement.

BIOL 105 Fundamentals of Biology I 4 cr

78040 Sec J01 Course Dates: 8/30 - 12/15 Tamone, S
 9/5 - 12/15 W 4:30p - 7:30p AD 314
 8/30 - 12/15 M,W,F 10:20a - 11:20a EG 112
 \$75 additional fee for section J01

78041 Sec J02 Course Dates: 8/30 - 12/15 Tamone, S
 8/30 - 12/15 M,W,F 10:20a - 11:20a EG 112
 9/13 - 12/15 R 8:00a - 11:00a AD 314
 \$75 additional fee for section J02

78042 Sec J03 Course Dates: 8/30 - 12/15 Tamone, S
 9/13 - 12/15 R 1:10p - 4:10p AD 314
 8/30 - 12/15 M,W,F 10:20a - 11:20a EG 112
 \$75 additional fee for section J03

78043 Sec J04 Course Dates: 8/30 - 12/15 Tamone, S
 9/14 - 12/15 F 2:20p - 5:20p AD 314
 8/30 - 12/15 M,W,F 10:20a - 11:20a EG 112
 \$75 additional fee for section J04

Corequisite: MATH S105.

Introduction to basic principles of cell biology and evolution. Topics include cell structure, metabolism, and genetics.

BIOL 111 Human Anatomy and Physiology I 4 cr

78580 Sec K01 Course Dates: 8/30 - 12/15 Donar, C
 8/30 - 12/15 W 4:30p - 7:20p PAUL 301
 8/30 - 12/15 M 4:30p - 7:20p PAUL 305
 \$70 additional fee for section K01

78781 Sec TD1 Course Dates: 8/30 - 12/15 Chapman, M
 8/30 - 12/15 M,W 12:00p - 1:00p Distance Elive

Lab/Material Fee \$50 Oriented toward health science students. Students participate in real time online meetings as scheduled or may choose to listen to recorded sessions on their own (with instructor permission). Lab sessions TBA. Lab integrates virtual and hands on activities. Students receive extensive college-level lab supplies. Students must have access to a computer with a microphone and the Internet. Contact with the instructor via e-mail, Internet and phone. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free: 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uialaska.htm>. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$90 additional fee for section TD1

78795 Sec TD2 Course Dates: 8/30 - 12/15 Chapman, M
 8/30 - 12/15 T 6:00p - 8:00p Distance Elive

Lab/Material Fee \$50 Oriented toward health science students. Students participate in real time online meetings as scheduled or may choose to listen to recorded sessions on their own (with instructor permission). Lab sessions TBA. Lab integrates virtual and hands on activities. Students receive extensive college-level lab supplies. Students must have access to a computer with a microphone and the Internet. Contact with instructor via e-mail, Internet and phone. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free: 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uialaska.htm>. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$90 additional fee for section TD2

78806 Sec TD3 Course Dates: 8/30 - 12/15 Chapman, M
 8/30 - 12/15 T 6:00p - 8:00p Distance Elive

Lab/Material Fee \$50 Oriented toward health science students. Students participate in real time online meetings as scheduled or

may choose to listen to recorded sessions on their own (with instructor permission). Lab sessions TBA. Lab integrates virtual and hands on activities. Students receive extensive college-level lab supplies. Students must have access to a computer with a microphone and the Internet. Contact with instructor via e-mail, Internet and phone. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uialaska.htm>. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$90 additional fee for section TD3

Introduces human structure and function. The integumentary, skeletal, muscular, and nervous systems are covered. Recommended for health science students.

BIOL 111 Human Anatomy and Physiology I 4 cr

78044 Sec J01 Course Dates: 8/30 - 12/15 Pearson, H
 8/30 - 12/15 M,W 6:00p - 7:30p EG 112
 9/6 - 12/15 R 3:00p - 6:00p RC 152
 \$75 additional fee for section J01

78045 Sec J02 Course Dates: 8/30 - 12/15 Pearson, H
 9/6 - 12/15 R 6:15p - 9:15p RC 152
 8/30 - 12/15 M,W 6:00p - 7:30p EG 112
 \$75 additional fee for section J02

78046 Sec J03 Course Dates: 8/30 - 12/15 Pearson, H
 8/30 - 12/15 M,W 6:00p - 7:30p EG 112
 9/4 - 12/15 T 3:00p - 6:00p RC 152
 \$75 additional fee for section J03

80622 Sec J04 Course Dates: 8/30 - 12/15 Pearson, H
 9/4 - 12/15 T 6:15p - 9:15p RC 152
 8/30 - 12/15 M,W 6:00p - 7:30p EG 112
 \$75 additional fee for section J04

Introduces human structure and function. The integumentary, skeletal, muscular, and nervous systems are covered. Recommended for health science students.

BIOL 112 Human Anatomy and Physiology II 4 cr

78867 Sec TD1 Course Dates: 8/30 - 12/15 Martin, J
 8/30 - 12/15 T,R 6:00p - 7:30p Distance Elive

Lab/Material Fee \$50 Web based, online meetings. Students are required to attend all Elluminate sessions. Additional Lab sessions TBA. Students must have access to a computer with a microphone (MS ppt and Word), digital camera (can be provided by UAS), and the Internet. Contact with instructor via e-mail and the internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uialaska.htm>. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

78868 Sec TD2 Course Dates: 8/30 - 12/15 Martin, J
 8/30 - 12/15 T,R 6:00p - 7:30p Distance Elive

Lab/Material Fee \$50. Web based, online meetings. Students are required to attend all Elluminate sessions. Additional Lab sessions TBA. Students must have access to a computer with a microphone (MS ppt and Word), digital camera (can be provided by UAS), and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free: 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uialaska.htm>. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$90 additional fee for section TD2

Prerequisite: BIOL 111 (C- or better) or permission.

Continuation of BIOL 111. Endocrine, circulatory, respiratory, digestive, excretory, and reproductive systems are covered. Recommended for health science students.

BIOL 175 Current Topics in Marine Research 1 cr

78869 Sec T01 Course Dates: 11/1 - 11/4 Straley, J
11/1 - 11/4 U,R,F,S - SITKA

A fall symposium of lectures as part of the annual Sitka WhaleFest: A Celebration of Marine Wildlife. Marine scientists will present current research findings on topics focused on marine life around the Pacific Rim, with an emphasis on marine mammals. To pass, students must attend an introductory class (can be in class, by audio or web), all symposium lectures, daily follow-up discussions with invited researchers, participate in a marine wildlife viewing cruise, and provide written summaries of the lectures by the end of the semester. Students must be registered for the SitkaWhaleFest.

Pass/Fail grading.

A fall symposium of lectures presented as part of the Sitka WhaleFest: A Celebration of Marine Wildlife. Marine scientists will present current research findings on topics focused on marine life around the Pacific Rim, with an emphasis on marine mammals. Students must attend an introductory class, all symposium lectures, and a follow up group discussion with invited researchers; written summaries of the lectures will be required. Students must be registered for the Sitka WhaleFest.

BIOL 175 Current Topics in Marine Research 1 cr

78871 Sec T02 Course Dates: 11/1 - 11/4 Straley, J
11/1 - 11/4 U,R,F,S - SITKA

A fall symposium of lectures as part of the annual Sitka WhaleFest: A Celebration of Marine Wildlife. Marine scientists will present current research findings on topics focused on marine life around the Pacific Rim, with an emphasis on marine mammals. To pass, students must attend an introductory class (can be in class, by audio or web), all symposium lectures, daily follow-up discussions with invited researchers, participate in a marine wildlife viewing cruise, and provide written summaries of the lectures by the end of the semester. Students must be registered for the SitkaWhaleFest. These costs (\$90 for the symposium) will be collected at the same time the student registers for the course at UAS.

\$90 additional fee for section T02

Pass/Fail grading.

A fall symposium of lectures presented as part of the Sitka WhaleFest: A Celebration of Marine Wildlife. Marine scientists will present current research findings on topics focused on marine life around the Pacific Rim, with an emphasis on marine mammals. Students must attend an introductory class, all symposium lectures, and a follow up group discussion with invited researchers; written summaries of the lectures will be required. Students must be registered for the Sitka WhaleFest.

BIOL 193 ST:Molecular Tech/Marine Mamm 1 cr

79773 Sec T02 Course Dates: 8/30 - 12/15 Labounty, K
8/30 - 12/15 - SC Tba

Molecular techniques offer unique opportunities to investigate population, individual and ecological questions about marine mammals. The course will consist of a series of lectures with topic related laboratory work. Students will learn the basics of DNA extraction, Polymerase chain reaction, and gel electrophoresis through hands-on laboratory work. Students will use specific primers on whale skin and tissue samples for sexing and DNA extraction from fecal samples for prey assessment to address real research questions. Lectures will focus on how the results of the applied molecular techniques can be incorporated into ecological and population studies of marine mammals. Specifically, how these tools are use to study the population structure and foraging ecology of North Pacific Humpback whales.

BIOL 197 IS: Fund of Biology-Lab 1 cr

79495 Sec J01 Course Dates: 8/30 - 12/15 Tamone, S
8/30 - 12/15 - ARR
\$75 additional fee for section J01

BIOL 215 Introduction to Marine Biology 3 cr

78047 Sec J01 Course Dates: 8/30 - 12/15 Bergstrom, C
8/30 - 12/15 M,W,F 12:00p - 1:00p AD 204

\$25 additional fee for section J01

Prerequisite: BIOL S105 and BIOL S106.

An introduction to the major characteristics of ocean ecosystems and the organisms that inhabit them. Includes physical, chemical, and biological principles that affect marine biodiversity.

BIOL 240 Introductory Microbiology 4 cr

78873 Sec TD1 Course Dates: 8/30 - 12/15 Barnett, D
8/30 - 12/15 M,W 6:30p - 8:30p Distance Elive

Lab/Material Fee \$270 Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Lab sessions via distance. Lab integrates virtual and hands on activities. Students receive extensive college-level lab supplies. Students must have access to a computer with a microphone and the Internet. Contact with instructor via e-mail, Internet and phone. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/ualaska.htm>.

\$310 additional fee for section TD1

79043 Sec TD2 Course Dates: 8/30 - 12/15 Smith, A
8/30 - 12/15 T,R 5:30p - 7:30p Distance Elive

Lab/Material Fee \$269 Go to <http://www.uas.alaska.edu/sitka/start> to get started in your distance class. Lab sessions via distance. Lab integrates virtual and hands on activities. Students receive extensive collegelevel lab supplies. Students must have access to a computer with a microphone and the Internet. Contact with instructor via e-mail, internet and phone. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free: 1-800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/ualaska.htm>.

\$310 additional fee for section TD2

Prerequisite: 8 credits in biology or chemistry. BIOL S112 and CHEM S104 recommended.

General introductory microbiology with emphasis on microorganisms as disease causing agents. Fundamentals of microbial biology and diversity including host microbe interactions and epidemiology. Not accepted for Biology major credit. Recommended for health science students.

BIOL 300 Vertebrate Zoology 4 cr

78059 Sec J01 Course Dates: 8/30 - 12/15 Fagen, J
8/30 - 12/15 R,F 12:00p - 2:00p AD 203

\$75 additional fee for section J01

Prerequisite: BIOL S105 and BIOL S106.

Evolution, classification, functional anatomy and general biology of vertebrates. Alaskan species will be included. Not a lab course.

BIOL 310 Animal Physiology 4 cr

78049 Sec J01 Course Dates: 8/30 - 12/15 Tamone, S
8/30 - 12/15 T,R 4:20p - 5:50p AD 204

9/10 - 12/15 M 1:10p - 4:10p AD 314

\$75 additional fee for section J01

Prerequisite: BIOL S105 and S106, CHEM S105 and S106, and MATH

S107.

Chemical and physical principles underlying living processes, and the integration of these principles into the physiology of cells and whole organisms. Three hours lab per week required.

BIOL 362 Genetics **4 cr**
78051 Sec J01 Course Dates: 8/30 - 12/15 Palof, K
8/30 - 12/15 M,W 11:30a - 1:00p AD 203
8/30 - 12/15 T 8:15a - 11:15a AD 204
\$75 additional fee for section J01

Prerequisite: BIOL S105 and 106, CHEM 106, and MATH 107.

Principles of inheritance; physiochemical properties of genetic systems.

BIOL 373 Conservation Biology **4 cr**
78061 Sec J01 Course Dates: 8/30 - 12/15 Tallmon, D
9/10 - 12/15 M 1:10p - 4:10p AD 203
8/30 - 12/15 T,R 11:30a - 1:00p AD 204
\$75 additional fee for section J01

Prerequisite: BIOL S271.

An exploration of how biological principles are applied to conserve diversity at all levels of biological organization, from genes to biomes.

BIOL 375 Current Topics: Discussions in Marine Mammalogy **2 cr**
78052 Sec J01 Course Dates: 8/30 - 11/4 Pearson, H
8/30 - 11/4 R 2:00p - 4:00p AD 204
11/2 - 11/4 U,F,S 8:00a - 11:00p SITKA
Students will read and discuss published papers by marine mammal biologists and will be required to attend Whale Fest in Sitka in November (www.sitkawhalefest.org website for more information). Course fees will cover basic travel costs.
\$550 additional fee for section J01

79914 Sec JD1 Course Dates: 8/30 - 11/4 Pearson, H
8/30 - 11/4 R 2:00p - 4:00p Distance Audio
11/2 - 11/4 U,F,S 8:00a - 11:00p SITKA
Requires access to a computer with Pentium 2 or better processor, Internet and e-mail. Access UAS Online at uas.alaska.edu/online for class information and to edit your personal profile. For more information, call 796-6163 or 1-877-465-4827 x6163 toll-free.
\$625 additional fee for section JD1

Prerequisite: Completion of 3 science credits.

Discussion of a book or series of papers on a current topic in biology. Students will lead discussions and be graded on both their presentation and their participation in discussions. May be repeated.

BIOL 391 Int: Bird Studies Middleton Is **6 cr**
79672 Sec JD1 Course Dates: 8/30 - 12/15 Tallmon, D
8/30 - 12/15 - ARR
\$75 additional fee for section JD1

Pass/Fail grading.

BIOL 396 Field Studies in Behavior and Ecology **1 - 6 cr**
78053 Sec J01 Course Dates: 8/30 - 12/15 Tallmon, D
8/30 - 12/15 T 6:00p - 9:00p AD 204

Prerequisite: BIOL S105, S106, S271 and Instructor Approval Form required.

Intensive field study in selected topics in animal behavior and ecology with emphasis on field methods. Each student will conduct an individual research project. Field studies may entail a deferred grade. Projects may

be associated with on-going research projects or new projects developed by the instructor and student. Number of credits will be determined by the scope of the project. May be repeated for up to 12 credits.

BIOL 427 Introduction to Ichthyology **4 cr**
78054 Sec J01 Course Dates: 8/30 - 12/15 Mcphee, M
8/30 - 12/15 M 2:00p - 5:00p LENA 105
8/30 - 12/15 T,R 11:30a - 1:00p LENA 101
\$75 additional fee for section J01

Prerequisites: BIOL S105 and S106.

Major groups of fishes, emphasizing the fishes of northwestern North America. Classification, structure, evolution, general biology and importance to man of the major groups.

BIOL 441 Animal Behavior **4 cr**
78063 Sec J01 Course Dates: 8/30 - 12/15 Bergstrom, C
8/30 - 12/15 W 1:10p - 4:10p AD 314
8/30 - 12/15 M,W,F 9:10a - 10:10a AD 203
\$75 additional fee for section J01

Prerequisites: BIOL S105, S106, or S271, or instructor permission.

The mechanisms and adaptive nature of individual and social behaviors will be explored in lectures, reading, and laboratory and field exercises. Proximal and ultimate explanations for behavior are studied in terms of genetics, ecology, and modern evolutionary theory. Laboratory and field exercises emphasize hypothesis testing through observations and analysis of behavior. BIOL 362 (Genetics) is highly recommended before taking this course.

BIOL 498 Research in Biology **3 cr**
80761 Sec J02 Course Dates: 8/30 - 12/15 Stekoll, M
8/30 - 12/15 - ARR

Prerequisite: BIOL S105, S106, and BIOL S271, and faculty permission via signed Instructor Approval Form.

Individual research in the biological sciences undertaken by a student in consultation with a member of the Biology program faculty. Students may submit research ideas to faculty and develop them into a project with faculty input.

BIOL 498 Research in Biology **1 - 6 cr**
78056 Sec J01 Course Dates: 8/30 - 12/15 Pearson, H
8/30 - 12/15 - ARR

Prerequisite: BIOL S105, S106, and BIOL S271, and faculty permission via signed Instructor Approval Form.

Individual research in the biological sciences undertaken by a student in consultation with a member of the Biology program faculty. Students may submit research ideas to faculty and develop them into a project with faculty input.

CEU: Continuing Education

CEU 041 ACLS Provider no book **1.3 cr**
79522 Sec T76 Course Dates: 11/16 - 11/17 Hanson, J
11/16 - 11/17 F,S 8:00a - 5:00p SC 106
\$270 additional fee for section T76

Prerequisite: BLS for Healthcare Provider card.

The Advanced Cardiac Life Support (ACLS) course is designed for medical providers such as physicians, nurses, emergency medical technicians, paramedics, respiratory therapists and other professionals who may respond to a cardiovascular emergency.

CEU 041 ACLS Provider w book 1.3 cr
 79521 Sec T75 Course Dates: 11/16 - 11/17 Hanson, J
 11/16 - 11/17 F,S 8:00a - 5:00p SC 106
 This class includes the book.
 \$310 additional fee for section T75
 Prerequisite: BLS for Healthcare Provider card.

The Advanced Cardiac Life Support (ACLS) course is designed for medical providers such as physicians, nurses, emergency medical technicians, paramedics, respiratory therapists and other professionals who may respond to a cardiovascular emergency.

CEU 041 AHA First Aid and CPR .8 cr
 79725 Sec T78 Course Dates: 10/13 - 10/13 Lineback / Hanson
 10/13 - 10/13 S 8:00a - 5:00p SC 106
 Course fee includes \$15 mandatory book.
 \$94 additional fee for section T78

79726 Sec T79 Course Dates: 11/10 - 11/10 Lineback / Hanson
 11/10 - 11/10 S 8:00a - 5:00p SC 106
 Course fee includes \$15 mandatory book.
 \$94 additional fee for section T79

Participants successfully completing this class will receive a credential for both CPR categories, Heartsaver First Aid and CPR with Automatic External Defibrillator (AED). Meets OSHA and Coast Guard requirements for First Aid and CPR but does not meet Health Care Provider (BLS) requirements. Certification is for two years.

CEU 041 CEU: AHA First Aid/CPR .8 cr
 80669 Sec T70 Course Dates: 9/19 - 9/20 Lineback / Hanson
 9/19 - 9/20 W,R 8:00a - 12:00p SC 106
 For UAS Staff/Faculty Only
 \$94 additional fee for section T70

CEU 042 CTPM Customer Service 1.5 cr
 79527 Sec T70 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web Delivered:
 Course is part of the Career Training for Ports and Marinas series. Requirements: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T70

'Customer Service for Ports & Marinas' focuses on improving the customer service skills. Students will learn proven techniques to ascertain what customers want and need so that staff can fine tune operations to meet those expectations. This course highlights ways to know what your competition is doing and methods to stay abreast of industry standards.

CEU 042 CTPM Facility Safety 1.5 cr
 79528 Sec T71 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web Delivered:
 Course is part of the Career Training for Ports and Marinas series. Requirements for class: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T71

'Facility Safety' covers the major safety issues dealt with on a day-to-day basis in the harbor. Not only awareness of hazards, but how to

prevent/eliminate hazards and protect self, other employees and the public. Safety on the job including educating the public and keeping others safe is emphasized.

CEU 042 CTPM Fire Safety 1.5 cr
 79529 Sec T74 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web Delivered:

Course is part of the Career Training for Ports and Marinas series. Requirements for class: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T74

'Fire Safety for Ports & Marinas' focuses on increased awareness of fire hazards as well as provide employees effective measures to prevent and fight fire in the harbor. The course stresses the importance of policy and planning. Employees who complete the course will gain insight into the complex and serious nature of unified fire response.

CEU 042 CTPM Harbor Administration 1.5 cr
 79530 Sec T78 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web Delivered:

This course is part of the Career Training for Ports and Marinas series. Requirements for course: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T78

This course provides a survey of all aspects of harbor administration, covering policy, financial, marketing and security issues. Students will be introduced to modern management practices and shown how to apply them to their own harbor. Students will learn about best management practices, as well as, safety issues that affect harbors and how to mitigate them.

CEU 042 CTPM Haz Materials and Waste 1.5 cr
 79531 Sec T76 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web Delivered:

Course is part of the Career Training for Ports and Marinas series. Requirements for class: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T76

This course will provide you with the knowledge to comply with regulations while providing good guidelines for the prevention of boating related pollution. The course will provide many best management practices for harbors as guidelines for your harbor and will point out best practices for used oil collection, solid and liquid waste materials and hazardous material training.

CEU 042 CTPM Marine Structures 1.5 cr
 79532 Sec T72 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web Delivered:

Course is part of the Career Training for Ports and Marinas series. Requirements for class: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T72

'Marine Structures and Materials' covers major marine structures and building materials found in a harbor or small port infrastructure. Understanding the advantages and disadvantages inherent in the design and use of each marine building material will help harbor employees make good choices in their maintenance activities.

CEU 042 CTPM Oil Spills 1.5 cr
 79533 Sec T73 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web
 Delivered:
 Course is part of the Career Training for Ports and Marinas series. Requirements for class: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T73

'Oil Spills: Prevention, Preparedness and Response' focuses on understanding the ramifications of oil spills in ports and marinas, the laws attendant on reporting them, how to prevent oil spills, what risks are common in ports and marinas and how to alleviate those risks.

CEU 042 CTPM Operations Planning 1.5 cr
 79534 Sec T75 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web
 Delivered:
 Course is part of the Career Training for Ports and Marinas series. Requirements for class: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T75

Course focuses on developing a set of documents you can use in your marina to make good planning decisions and ensure its safe and efficient operation. Harbor management plans are comprehensive and usually consider regional needs as well as commercial and recreational needs, waste management, mineral extraction, dredging, public access, habitat, resource protection, water quality, aesthetic values and public interests to name just a few key issues.

CEU 042 CTPM Utilities Electrical 1.5 cr
 79536 Sec T79 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web
 Delivered:
 This course is part of the Career Training for Ports and Marinas series. Requirements for class: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T79

The course will familiarize employees with the basics of a marina electrical system. The delivery of electrical power is traced from the utility to marina facilities and shore pedestals. Employees will learn about the importance of grounding and bonding, sources and means for prevention of stray and galvanic currents, as well as, testing and troubleshooting procedures. Upon completion of the course employees will be prepared to educate boat owners about proper grounding and bonding of on board power systems and to help them reduce damage from electrical corrosion.

CEU 042 CTPM Utilities Water 1.5 cr
 79535 Sec T77 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web
 Delivered:
 Course is part of the Career Training for Ports and Marinas series. Requirements for class: Must have a computer with internet access, speakers OR headphones, personal email address and Adobe Reader Flash Player.
 \$195 additional fee for section T77

This course deals with the operation and maintenance of marina sanitary sewer systems and the complexities of providing clean and safe water service for harbor customers. You will learn about the regulations for potable and fire water systems, as well as, those for sanitary sewer, the materials, equipment and layout for systems and the best practices for operation and maintenance.

CEU 043 Asbestos Refresher Online .8 cr
 79524 Sec T72 Course Dates: 8/15 - 8/29 Hanson, J
 8/15 - 8/29 Distance Web
 Delivered:
 \$219 additional fee for section T72
 79525 Sec T73 Course Dates: 9/6 - 9/19 Hanson, J
 9/6 - 9/19 Distance Web
 Delivered:
 \$219 additional fee for section T73

The goal of the 8hr course is to review the information about asbestos abatement work obtained from the initial training and obtain up-to-date information about asbestos abatement operations. This online course requires a current state of Alaska asbestos card and proof of identity in order to enroll. Arrangements for a proctor is required for taking the exam.

CEU 043 ICD-10 CM/PCS Online Training 9 cr
 79606 Sec T71 Course Dates: 9/6 - 12/15 Hanson / Gordon / Dearborn
 9/6 - 12/15 Distance Web
 Delivered:
 \$160 additional fee for section T71

CEU 044 WWO Bacteriological Sampling .15 cr
 79766 Sec T70 Course Dates: 8/12 - 12/15 Anderson, T
 8/12 - 12/15 Distance Web
 Delivered:
 Required equipment: Computer with speakers, Internet access, Adobe Reader and Flash Player Plugin Version 10.
 \$50 additional fee for section T70

This short course covers all aspects of sampling public water supplies for coliform analysis according to the Total Coliform Rule of the Safe Drinking Water Act. Topics covered include the sample site plan, selecting good sampling points, the step-by-step procedure for collecting a potable water sample, sample preservation and transport, and other issues such as repeat and special samples, recordkeeping, and public notification of violations.

CEU 044 WWO Chem I Water/Wastewater 2.6 cr
 79767 Sec T76 Course Dates: 8/12 - 12/15 Anderson, T
 8/12 - 12/15 Distance Web
 Delivered:
 Required equipment: Computer with speakers, Internet access, Adobe Reader and Flash Player Plugin Version 10.
 \$180 additional fee for section T76

This course is the first in a series of two short courses covering basic and intermediate chemistry with applications for water and wastewater utilities. Although a previous knowledge of chemistry is not required, the material is moderately demanding and assumes the ability to manipulate and solve simple arithmetic formulas. This first course covers basic fundamentals of general chemistry including the structure of atoms and compounds, chemical reactions and equations, acids, bases, salts and aqueous solutions. The course also includes discussion of alkalinity, hardness and chlorination. This course has basic, but rigorous content! Students will need basic math skills to use mathematical formulas and solve problems.

CEU 044 WWO Chem II Water/Wastewater 1.4 cr
 79768 Sec T77 Course Dates: 8/12 - 12/15 Anderson, T
 8/12 - 12/15 Distance Web
 Delivered:
 Required equipment: Computer with speakers, Internet access, Adobe Reader and Flash Player Plugin Version 10.

\$115 additional fee for section T77

This course is the second in a series of two short courses covering basic and intermediate chemistry with applications for water and wastewater utilities. The first course develops knowledge that will be used in this course. Although not required, it is recommended that learners complete the first course in the series before attempting the second course. The material in this course is demanding and assumes the ability to manipulate and solve simple arithmetic formulas. The second course covers intermediate chemistry topics and specific applications including oxidation and reduction reactions, water softening, iron and manganese, fluoride/fluoridation, corrosion control, introductions to organic chemistry, biochemistry and nuclear chemistry.

CEU 044 WWO Cross Connections .15 cr
79769 Sec T71 Course Dates: 8/12 - 12/15 Anderson, T

8/12 - 12/15 Distance Web
Delivered:

Required equipment: Computer with speakers. Internet access, Adobe Reader and Flash Player Plugin Version 10.
\$50 additional fee for section T71

This short course explains terms related to crossconnections in potable water systems, the significance of cross-connections to public health, reviews basic distribution system hydraulics, and discusses the theory of backflow and backsiphonage. The course also covers backflow prevention methods and devices, backflow assembly testing, cross-connection control programs and ends with examples of potential cross-connection situations and corrective actions.

CEU 044 WWO Diaphragm Chem Feed Pumps .2 cr
79770 Sec T72 Course Dates: 8/12 - 12/15 Anderson, T

8/12 - 12/15 Distance Web
Delivered:

Required equipment: Computer with speakers. Internet access, Adobe Reader and Flash Player Version 10.
\$55 additional fee for section T72

This short course review the importance of the chemical feed pump in potable water treatment. It covers the theory of operation of diaphragm chemical feed pumps, the parts of the pump, the chemical feed system (including solution storage tank, associated lines and valves and electrical controls), pump controls, the procedure for pump calibration, pump maintenance, troubleshooting and safety.

CEU 044 WWO Lagoons .5 cr
79771 Sec T73 Course Dates: 8/12 - 12/15 Anderson, T

8/12 - 12/15 Distance Web
Delivered:

Required equipment: Computer with speakers, Internet access, Adobe Reader and Flash Player Plugin Version 10.
\$75 additional fee for section T73

This short course introduces sewage treatment lagoons and discusses major advantages and disadvantages of their use. The course presents the types of lagoons, the theory of biological stabilization activity within the lagoons, the physical components of lagoons systems, factors affecting waste treatment in a lagoon, routine inspection and maintenance, operational tests and measurements, treatment process control strategies, mathematical calculations related to lagoons and lagoon safety.

CEU 044 WWO Sm Treated Water Systems 1 cr
79772 Sec T78 Course Dates: 8/12 - 12/15 Anderson, T

8/12 - 12/15 Distance Web
Delivered:

Required equipment: Computer with speakers, Internet access, Adobe Acrobat Reader and Flash Player Plugin Version 10.
\$95 additional fee for section T78

The Small Treated Water Systems course was originally designed for operators of small treated water systems in Alaska. Successful completion of this course is a prerequisite for Alaska Small Treated Water System certification. The course is divided into seven modules: Characteristics of Water, Water Sources, Water Systems O&M, Treatment O&M, Disinfection, Regulations and Management and Math.

CEU 044 WWO Sm Untreated Water Systems .5 cr
79780 Sec T79 Course Dates: 8/12 - 12/15 Anderson, T

8/12 - 12/15 Distance Web
Delivered:

Required equipment: Computer with speakers, Internet access, Adobe Acrobat Reader and Flash PLayer Plugin Version 10.
\$75 additional fee for section T79

The Small Untreated Water System course was originally designed for operators of small untreated water systems in Alaska. Successful completion of the course is a prerequisite for Alaska Small Untreated Water System certification. The course is divided into six modules: Groundwater Basics, Wells, Water System O&M, Passive Treatment O&M, Drinking Water Regulations and Management and Math.

CEU 044 WWO Using pH Meters .15 cr
79786 Sec T74 Course Dates: 8/12 - 12/15 Anderson, T

8/12 - 12/15 Distance Web
Delivered:

Required equipment: Computer with speakers, Internet access, Adobe Acrobat Reader and Flash Player Plugin Version 10.
\$50 additional fee for section T74

This short course reviews the concept of pH, its importance to water and wastewater treatment and how pH is measured. The theory of the operation of the pH probe and pH meters is discussed and procedures explained for pH meter calibration and making pH measurements. Care of the pH probes and troubleshooting shooting probes and meters are also discussed.

CEU 044 WWO Well Systems Disinfection .2 cr
79787 Sec T75 Course Dates: 8/12 - 12/15 Anderson, T

8/12 - 12/15 Distance Web
Delivered:

Required equipment: Computer with speakers, Internet access, Adobe Acrobat Reader and Flash Player Plugin Version 10.
\$55 additional fee for section T75

This short course reviews the purpose of well and distribution system disinfection and chlorine products available for use as disinfectants. The course presents the procedure for well disinfection, disinfection of wells and small distributions system together, disinfection of distribution system separately and disinfection of finished disinfection and safety issues related to the disinfection procedures.

CEU 045 CEU:Marine Hudraulics Online .6 cr
79981 Sec T76 Course Dates: 9/18 - 9/18 Rioux, P

9/18 - 9/18 T Distance Web
Delivered:

\$95 additional fee for section T76

CEU 045 CEU:Marine Hydraulics Online .6 cr
79979 Sec T75 Course Dates: 9/11 - 9/11 Rioux, P

9/11 - 9/11 T Distance Web
Delivered:

\$95 additional fee for section T75

79983 Sec T77 Course Dates: 9/25 - 9/28 Hanson / Rioux

9/25 - 9/28 T,W,R,F Distance Web
Delivered:

\$95 additional fee for section T77

79984 Sec T78 Course Dates: 10/2 - 10/5 Hanson / Rioux
 10/2 - 10/5 T,W,R,F Distance Web
 Delivered:
 \$95 additional fee for section T78

79985 Sec T79 Course Dates: 10/9 - 10/12 Hanson / Rioux
 10/9 - 10/12 T,W,R,F Distance Web
 Delivered:
 \$95 additional fee for section T79

79987 Sec T7A Course Dates: 10/16 - 10/19 Hanson / Rioux
 10/16 - 10/19 T,W,R,F Distance Web
 Delivered:
 \$95 additional fee for section T7A

This online course is designed for users of Marine Hydraulics, especially commercial fishing vessels. You will learn to: Understand basic theory of common hydraulic systems Identify hydraulic components Learn basic troubleshooting techniques Improve your ability to communicate with service professionals. Student attends one of three sessions: April 3-6 or April 10-13 or April 17-20.

CEU 045 ETT Online Training no book 3 cr
 79538 Sec T73 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web
 Delivered:
 \$200 additional fee for section T73

CEU 045 ETT Online Training w book 3 cr
 79537 Sec T72 Course Dates: 8/12 - 12/15 Hanson, J
 8/12 - 12/15 Distance Web
 Delivered:
 \$225 additional fee for section T72

CEU 046 CEU: HIT Management Info Syst 9 cr
 80998 Sec T73 Course Dates: 9/26 - 12/15 Hanson / Gordon
 9/26 - 12/15 Distance Web
 Delivered:
 \$275 additional fee for section T73

CEU 046 CEU: HIT Usability & Quality 6 cr
 80999 Sec T76 Course Dates: 8/12 - 12/15 Hanson / Gordon
 8/12 - 12/15 Distance Web
 Delivered:
 \$275 additional fee for section T76

CEU 046 CEU:HIT Workflow Proc Analysis 6 cr
 81000 Sec T75 Course Dates: 8/12 - 12/15 Hanson / Gordon
 8/12 - 12/15 Distance Web
 Delivered:
 \$275 additional fee for section T75

CEU 046 CEU:HIT Working w/Systems 6 cr
 81001 Sec T74 Course Dates: 8/12 - 12/15 Hanson / Gordon
 8/12 - 12/15 Distance Web
 Delivered:
 \$275 additional fee for section T74

CEU 047 CEU: Oil Heating Adv Trblsht 3 cr
 79867 Sec T74 Course Dates: 9/24 - 9/28 Besch / Hanson
 9/24 - 9/28 M,T,W,R,F 8:00a - 3:00p SC 112
 \$699 additional fee for section T74

Course content will include new oil pumps, solenoid valves, nozzles, new Solid State ignitors and methods used when troubleshooting using gauges. Much of the course time will be spent in the field hands on training for boiler and furnace service and troubleshooting. Course fee includes the required book.

CEU 047 THC1 Understanding Telehealth 3 cr
 79540 Sec T70 Course Dates: 9/25 - 11/27 Hanson, J
 9/25 - 11/27 Distance Web
 Delivered:
 \$325 additional fee for section T70

CEU 047 THC2 Telehealth Coordinator 3 cr
 79542 Sec T72 Course Dates: 10/3 - 12/12 Hanson, J
 10/3 - 12/12 Distance Web
 Delivered:
 \$325 additional fee for section T72

CEU 047 THC3 Telehealth Manager 6 cr
 79543 Sec T73 Course Dates: 10/4 - 4/1 Hanson, J
 10/4 - 4/1 Distance Web
 Delivered:
 \$495 additional fee for section T73

CEU 048 CEU:Asbestos Refresh Online .8 cr
 80104 Sec T71 Course Dates: 9/20 - 10/3 Hanson, J
 9/20 - 10/3 Distance Web
 Delivered:
 \$219 additional fee for section T71

80105 Sec T72 Course Dates: 10/4 - 10/17 Hanson, J
 10/4 - 10/17 Distance Web
 Delivered:
 \$219 additional fee for section T72

80106 Sec T73 Course Dates: 10/18 - 10/31 Hanson, J
 10/18 - 10/31 Distance Web
 Delivered:
 \$219 additional fee for section T73

80107 Sec T74 Course Dates: 11/1 - 11/14 Hanson, J
 11/1 - 11/14 Distance Web
 Delivered:
 \$219 additional fee for section T74

80108 Sec T75 Course Dates: 11/15 - 11/28 Hanson, J
 11/15 - 11/28 Distance Web
 Delivered:
 \$219 additional fee for section T75

80109 Sec T76 Course Dates: 12/6 - 12/19 Hanson, J
 12/6 - 12/19 Distance Web
 Delivered:
 \$219 additional fee for section T76

CHEM: Chemistry

CHEM 103 Introduction to General Chemistry 4 cr

78064 Sec J01 Course Dates: 8/30 - 12/15 Love, A

9/10 - 12/15 M 1:10p - 4:10p AD 309

8/30 - 12/15 M,W,F 9:10a - 10:10a HB 206

\$75 additional fee for section J01

78065 Sec J02 Course Dates: 8/30 - 12/15 Love, A

8/30 - 12/15 W 1:10p - 4:10p AD 309

8/30 - 12/15 M,W,F 9:10a - 10:10a HB 206

\$75 additional fee for section J02

78066 Sec J03 Course Dates: 8/30 - 12/15 Love, A

8/30 - 12/15 T 1:10p - 4:10p AD 309

8/30 - 12/15 M,W,F 9:10a - 10:10a HB 206

\$75 additional fee for section J03

78874 Sec TD1 Course Dates: 8/30 - 12/15 Martin, J

8/30 - 12/15 T 3:30p - 5:30p Distance Elive

Lab/Material Fee \$200 Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Students must have access to a computer with a microphone and the Internet. Order books from MBS Direct.

\$240 additional fee for section TD1

Prerequisite: MATH S105.

Fundamentals of chemistry including the historical and descriptive aspects as well as basic mathematical concepts. Prepares students to take CHEM S105.

CHEM 104 A Survey of Organic and Biochemistry 4 cr

78581 Sec K01 Course Dates: 8/30 - 12/15 Donar, C

8/30 - 12/15 T 10:30a - 1:20p PAUL 303

8/30 - 12/15 R 10:30a - 1:20p PAUL 301

\$70 additional fee for section K01

Prerequisite: CHEM S103.

Fundamentals of chemistry as applied to biological systems. Bridges the gap between a general chemistry course and the biological concepts of other health related sciences. Recommended for health-science degree majors. Prepares students to take CHEM S105.

CHEM 105 General Chemistry I 4 cr

78068 Sec J01 Course Dates: 8/30 - 12/15 Hoferkamp, L

8/30 - 12/15 M,W,F 9:10a - 10:10a HB 113

8/30 - 12/15 T 8:00a - 11:50a AD 309

\$75 additional fee for section J01

78069 Sec J02 Course Dates: 8/30 - 12/15 Hoferkamp, L

8/30 - 12/15 W 5:30p - 9:20p AD 309

8/30 - 12/15 M,W,F 9:10a - 10:10a HB 113

\$75 additional fee for section J02

79823 Sec J03 Course Dates: 8/30 - 12/15 Hoferkamp, L

8/30 - 12/15 R 1:15p - 5:15p AD 309

8/30 - 12/15 M,W,F 9:10a - 10:10a HB 113

\$75 additional fee for section J03

Prerequisite: High school chemistry and MATH S107.

Introduction to chemistry, including atomic and molecular structure; the principles of chemical change and related energy changes. Four hours lab per week required. Concurrent enrollment in CHEM S105R is highly recommended.

CHEM 105 General Chemistry I Recitation 1 cr

78071 Sec J01 Course Dates: 8/30 - 12/15 Hoferkamp, L

9/10 - 12/15 M 3:30p - 4:30p AD 204

Pass/Fail grading.

Provides direction and review of the concepts and calculations covered in General Chemistry I. Quizzes, homework problems and exams presented in CHEM S105 will be covered extensively. Requires concurrent enrollment in CHEM S105 or instructor permission. Pass/Fail grading.

CHEM 341 Organic and Biological Chemistry I 4 cr

78072 Sec J01 Course Dates: 8/30 - 12/15 Stekoll, M

8/30 - 12/15 M,W,F 10:20a - 11:20a AD 203

8/30 - 12/15 R 8:00a - 11:50a AD 309

\$75 additional fee for section J01

Prerequisite: CHEM S106 with a C or better.

Theory and laboratory covering the fundamentals of organic chemistry including functional group reactivities, stereochemistry, and spectroscopy. The laboratory provides practical experience with emphasis on organic synthesis, natural products, and structure identification. Four hours of lab per week required.

CIOS: Computer Info Office Systems

CIOS 101 Computer Keyboarding and Formatting 3 cr

78876 Sec TD1 Course Dates: 8/30 - 12/15 Feero, S

8/30 - 12/15 Distance Web
Delivered:

Web based. Students must have access to a computer and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/ualaska.htm> and look for this course (CIOS S101-TD1). Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$40 additional fee for section TD1

Presents touch keyboarding techniques and document formatting. May be offered in two parts (CIOS S101A and CIOS S101B). Part A covers keyboarding with emphasis on development of speed and accuracy using the touch method. Part B introduces horizontal and vertical centering, tables, business letters, memorandums, short reports, multi-page reports, and administrative forms. Formatting functions common to word processing programs will be introduced.

CIOS 105 Computer Literacy 3 cr

78029 Sec JD1 Course Dates: 8/30 - 12/15 Powers Sr, T

8/30 - 12/15 T 1:15p - 2:45p WB 102

8/30 - 12/15 Distance Web
Delivered:

This class meets on the Juneau campus. Internet and e-mail required. This course is offered in a blended format. Students will learn skills in the Tuesday class time that will then be reviewed and practiced using the Internet at the student's own pace prior to the next class meeting.

\$40 additional fee for section JD1

78599 Sec KD1 Course Dates: 8/30 - 12/15 Mcdonald, R

8/30 - 12/15 Distance Web
Delivered:

Delivered via web with optional elive meetings. Requires access to internet, email and MSWord. Microphone/headset is optional.

Go to course site at <http://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

78877 Sec TD1 Course Dates: 8/30 - 12/15 Feero, S
8/30 - 12/15 W 6:00p - 7:00p Distance Elive

Web based, real time online meetings scheduled on Wednesdays 6:00-7:00 pm. Students must have access to a computer with a microphone, and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uwalaska.htm> and look for this course (CIOS S105-TD1). Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$40 additional fee for section TD1

78887 Sec TD2 Course Dates: 8/30 - 12/15 Feero, S
8/30 - 12/15 R 6:00p - 7:00p Distance Elive

Web based, real time online meetings scheduled on Thursday 6:00-7:00 pm. Students must have access to a computer with a microphone, and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free: 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uwalaska.htm> and look for this course (CIOS S105-TD1). Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$40 additional fee for section TD2

Introduces computer literacy based on national IC3 standards. Topics include computer concepts, file management, basic editing and formatting functions in common software applications, basic troubleshooting for computer hardware and software, current electronic communication tools, Internet research strategies, network terminology and components.

CIOS 105 Computer Literacy 3 cr

77973 Sec TP7 Course Dates: 8/30 - 12/15 Mcphetres, S
8/30 - 12/15 - OT Haines

\$75 additional fee for section TP7

Introduces computer literacy based on national IC3 standards. Topics include computer concepts, file management, basic editing and formatting functions in common software applications, basic troubleshooting for computer hardware and software, current electronic communication tools, Internet research strategies, network terminology and components.

CIOS 108 Design Fundamentals for Computer Applications 3 cr

77974 Sec JD1 Course Dates: 8/30 - 12/15 Mckenna, C
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Corequisite: CIOS S105 or placement test.

Focuses on effective interface design for computer applications including Web sites, database interfaces, spreadsheets and digital documents. Topics include page layout, visual hierarchy, graphic design, navigation systems, file organization, usability and accessibility.

CIOS 119 IP Addressing Essentials 1 cr

77975 Sec JD1 Course Dates: 8/30 - 10/8 Powers Sr, T
8/30 - 10/8 T 10:15a - 11:15a Distance Elive

Course meets online via Elluminate at scheduled day and time. Sessions are recorded for those with time conflicts. Requires access to computer with Internet and e-mail, microphone and headset or speakers. Registered students must access UAS-Online at uas.alaska.edu/online for textbook, Elluminate, and course information, and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.
\$40 additional fee for section JD1

Learn how computers deal with IP addressing to connect to local networks and the Internet. Topics include binary and hexadecimal mathematic skills, IP addressing - version 4 and 6, public and private addresses, standard subnetting, and using variable length subnet masks.

CIOS 132 Word Processing Concepts and Applications 3 cr

78890 Sec TD1 Course Dates: 8/30 - 12/15 Feero, S
8/30 - 12/15 Distance Web
Delivered:

Word 2007 web based. Students must have access to a computer and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free: 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uwalaska.htm> and look for this course (CIOS S132-TD1). Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$40 additional fee for section TD1

78891 Sec TD2 Course Dates: 8/30 - 12/15 Feero, S
8/30 - 12/15 Distance Web
Delivered:

Word 2010 web based. Students must have access to a computer and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uwalaska.htm> and look for this course (CIOS S132-TD2). Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$40 additional fee for section TD2

Prerequisite: CIOS S105 or CIOS placement test. Prerequisite for CIOS S132B is CIOS S132A or placement test.

May be offered in two modules (CIOS 132A and CIOS 132B). Part A (1 credit) is fundamental word processing concepts and hands-on practice with a current word processing application. Students use basic word processing tools to create a variety of professional documents. Part B (2-credits) covers intermediate features such as styles, outlines, tables, merging, linking, embedding, and table of contents; and advanced features such as templates, on-screen forms and fields, document management, and macros. Course prepares students to take the MOS (Microsoft Office Specialist Certification) expert exam for MS Word.

CIOS 135 Spreadsheets in the Workplace / Excel '10 1 cr

78892 Sec TD1 Course Dates: 9/17 - 10/19 Feero, S
9/17 - 10/19 Distance Web
Delivered:

Web based. Students must have access to a computer and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uwalaska.htm> and look for this course (CIOS S135-TD1). Go to <http://www.uas.alaska.edu/sitka/start/>

to get started in your distance class.

\$40 additional fee for section TD1

Prerequisite: CIOS S105 or CIOS placement test.

Introduces the use of electronic spreadsheet software for reporting and analyzing information. Covers creating, designing, and modifying spreadsheets, simple formulas and charts.

CIOS 151 PowerPoint 2010 **1 cr**
78893 Sec TD1 Course Dates: 10/29 - 11/30 Feero, S

10/29 - 11/30 Distance Web
Delivered:

Web based. Students must have access to a computer and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free: 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/uialaska.htm> and look for this course (CIOS S151-TD1). Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$40 additional fee for section TD1

Prerequisite: CIOS S105 or CIOS placement test.

Utilizes a computer presentation graphics program to organize and create professional presentations. Emphasis is placed on effective design strategies.

CIOS 157 Website Graphics. Design and HTML **4 cr**
77976 Sec JD1 Course Dates: 8/30 - 12/15 Mckenna, C

8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Prerequisite: CIOS S105.

Create web pages and sites for commercial use using HTML and CSS. Emphasis is on creating usable and accessible web sites that incorporate current W3C standards. Web graphic skills are integrated into this course and cover backgrounds, image maps, navigational elements, and image optimization.

CIOS 160 Business English **3 cr**
77977 Sec JD1 Course Dates: 8/30 - 12/15 Hoffman, E

8/30 - 12/15 M 11:30a - 1:00p Distance Elive

Web meetings will be scheduled on seven Mondays 1-1/2 hours each 11:30am to 1pm (dates TBA). Meetings will be recorded for students with time conflicts. Requires access to a computer with Internet, e-mail, microphone, headset or speakers and MS Word. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Applies the principles of English grammar, style, and usage to business correspondence. Topics include capitalization, numbers, abbreviations, word division, forms of address, and techniques for editing and proofreading particularly as applied to electronic documents.

CIOS 170 Programming Fundamentals **3 cr**
77978 Sec JD1 Course Dates: 8/30 - 12/15 Powers Sr, T

8/30 - 12/15 T 11:30a - 1:00p Distance Elive

Course meets online via Elluminate on Tuesdays from 11:30 - 1:00 p.m. (sessions will be recorded for those with time conflicts).

Requires access to a computer with Internet, e-mail, CD-ROM, microphone and speakers or headset. Must have Pentium 166MHz or faster processor with a minimum of 64MB of physical RAM, a minimum of 98MB of free side space for the Java install, additional space for course related materials, and the ability to install programs. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Learn sound programming techniques using current software. Course teaches computing fundamentals, starting with the workings of simplified digital computers and elementary data structures and progressing to control flow, variables, objects, properties, methods. Includes an introduction to arrays, queues and stacks, and elementary algorithms based on those data structures.

CIOS 171 Web Scripting **3 cr**
77979 Sec JD1 Course Dates: 8/30 - 12/15 Mckenna, C

8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Prerequisite: CIOS S157.

Provides an overview of server-side scripting concepts and hands-on practice using a current scripting language. Topics include basic input and output, data types, command formatting, variables, constants and arrays, expressions, language statements for decisions and iterations, and functions.

CIOS 212 Managing and Maintaining PC Hardware and Operating Systems **4 cr**

78603 Sec KD1 Course Dates: 8/30 - 12/15 Mcdonald, R

8/30 - 12/15 Distance Web
Delivered:

Delivered via web with optional elive meetings. Requires access to internet, email and MSWord. Microphone/headset is optional. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

Prerequisite: CIOS S105 or concurrent enrollment.

This web-based course uses a step-by-step approach for learning the fundamentals of supporting and troubleshooting computer hardware and software. Students will perform specific lab tasks both on their own and in a virtual machine environment. Content provides a foundation for further computer studies and preparation for industry certification (CompTIA A+).

CIOS 235 Spreadsheet Concepts and Applications **3 cr**
77980 Sec JD1 Course Dates: 8/30 - 12/15 Dillingham, E

8/30 - 12/15 Distance Web
Delivered:

Students will study spreadsheets to an expert level and, therefore, must have access to Windows with MS Excel 2010 (Windows, not a MAC product) and a microphone headset. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information, and to edit their personal profile. For more

information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

77981 Sec JD2 Course Dates: 8/30 - 12/15 Dillingham, E
8/30 - 12/15 Distance Web
Delivered:

Students will study spreadsheets to an expert level and, therefore, must have access to Windows with MS Excel 2010 (Windows, not a MAC product) and a microphone headset. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information, and to edit their personal profile. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD2

Prerequisite: CIOS S105 or CIOS placement test, and MATH S055 with C or better.

Use of electronic spreadsheet software as a problem-solving and decision-making tool. Covers creating, designing, and modifying spreadsheets, formulas and charts. Includes simple databases, integration of spreadsheets with other programs, advanced functions, tools, and macros.

CIOS 240 Database Concepts and Applications 3 cr

77982 Sec JD1 Course Dates: 8/30 - 12/15 Mckenna, C
8/30 - 12/15 Distance Web
Delivered:

Students must have access to Windows with MS Access 2010 (Windows, not MAC product). Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Prerequisite: CIOS S105 or CIOS placement test; and MATH S105 with C or better, or equivalent math placement test results.

Design and create databases from the perspective of the database designer. Teaches table design, relationship building, form creation and editing, complex querying, advanced report generation, graphical user interface creation, and basic database programming.

CIOS 241 Introduction to Networking and the OSI Reference Model 4 cr

78845 Sec KD1 Course Dates: 8/30 - 10/11 Mcdonald, R
8/30 - 10/11 T,R 4:30p - 5:50p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Contact instructor at ramcdonald@uas.alaska.edu for course specific information.

\$40 additional fee for section KD1

Prerequisite: CIOS placement test. Corequisite: CIOS S119.

Part one of a four-part sequence. Provides an in-depth study of fundamental computer networking and data communications concepts essential in planning and implementing a network within an organization. Topics include the Open Systems Interconnection (OSI) seven layer reference model, hardware used, Internet Protocol (IP) and Media Access Control (MAC) addressing protocols and standards required in both hardware and software areas of networking, sub-networking and determining and calculating subnet masks, data encapsulation, the Transmission Control Protocol/ Internet Protocol (TCP/IP) network layer protocol, fabricating Ethernet cables, and designing a network.

CIOS 244 Internetwork Router Configuration and Design 4 cr

78846 Sec KD1 Course Dates: 10/16 - 12/13 Mcdonald, R
10/16 - 12/13 T,R 4:30p - 5:50p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Contact the instructor at ramcdonald@uas.alaska.edu for course specific information.

\$40 additional fee for section KD1

Prerequisite: CIOS S241 or concurrent enrollment.

Part two of a four-part sequence. Provides an in-depth study of Router Theory, TCP/IP addressing, and Routing Protocols as well as a hands-on introduction to Router Components, Router Setup and Startup, Router Configuration, and the Router Operating System. Students will master the following skills: Router Configuration, associated hardware and software tools and techniques, maintaining an engineering journal, and cable management techniques. Students will demonstrate these skills through hands-on designing, configuring, installing, and programming of a five-router inter-network.

CIOS 260 Business Communications 3 cr

77983 Sec JD1 Course Dates: 8/30 - 12/15 Dillingham, E
8/30 - 12/15 T 11:30a - 1:00p Distance Elive

Web meetings will be held on Tuesdays from 11:30am to 1pm. (These will be recorded for those with time conflicts). Students must have access to computer, microphone headset, MS Word, PowerPoint, and Adobe Acrobat Reader. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

79727 Sec JD2 Course Dates: 8/30 - 12/15 Dillingham, E
8/30 - 12/15 T 11:30a - 1:00p Distance Elive

Web meetings will be held on Tuesdays from 11:30am to 1pm. (These will be recorded for those with time conflicts). Students must have access to computer, microphone headset, MS Word, PowerPoint, and Adobe Acrobat Reader. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD2

Prerequisite: CIOS S160 or ENGL S111 (C or higher) or CIOS Business English placement test. CIOS S101B is recommended.

Applies techniques of written and oral communications to business situations requiring problem solving and an understanding of human relations. Topics include written communications (letters, memoranda, and reports), oral communications (one-on-one and small group interactions and oral presentations), listening skills, nonverbal communications, and communication technology.

CIOS 279 Database Theory and SQL 3 cr

77984 Sec JD1 Course Dates: 8/30 - 12/15 Powers Jr, T
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information, and edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.

\$40 additional fee for section JD1

Prerequisite: CIOS S240.

Covers theoretical and substantive concepts of relational algebra and data modeling, and database design, security and database administration. Topics include the selected database application development environment, programming standard structured query language, and knowledge of the types and degrees of normalization. Students acquire the ability to compare and contrast data modeling and database design and techniques.

CIOS 297 IS: Help Desk Web Site Design 3 cr
80675 Sec J01 Course Dates: 8/30 - 12/15 Mckenna, C
8/30 - 12/15 - ARR

COED: Community Education

COED 001 CE: Creating an Alaska Day Hat 0 cr
80083 Sec T76 Course Dates: 10/13 - 10/13 Hammons, G
10/13 - 10/13 S 9:00a - 1:00p SC 112
\$35 additional fee for section T76

This class will offer all necessary patterns, suggestions, methods, etc. that are used in making hats for Alaska Day. Participants will have the choice of making one of three different style ladies hats, the teardrop hat, the spoon bonnet and the top hat. Each are appropriate to the 1860's era in one of four different color schemes: burgundy, green, blue or black. Kits with all necessary materials in one of these four color schemes will be available to choose from at UAS; a variety of ribbons, feathers, laces, trimmings, fabrics and the hat form itself will be included in these kits. Each participant will be able to complete a hat unique to any other's hat in the four hour class.

COED 001 CE: Digital Camera Basics 0 cr
80041 Sec T72 Course Dates: 9/6 - 9/27 McClain, H
9/6 - 9/27 R 6:30p - 8:30p SC 205
\$49 additional fee for section T72

Participants will be able to find and use focus and exposure lock, flash settings, macro, move digital photos from camera to computer, perform basic editing, crop and straighten and adjust lighting.

COED 001 CE: Dog Agility 0 cr
80616 Sec T77 Course Dates: 9/18 - 10/23 Kluting / Royce
9/18 - 10/23 T 6:00p - 7:00p SC 115
\$99 additional fee for section T77

COED 001 CE: Dog Obedience 0 cr
79731 Sec T75 Course Dates: 9/18 - 10/23 Kluting / Royce
9/18 - 10/23 T 7:00p - 8:00p SC 115
\$99 additional fee for section T75

Reviews basic good manners with the main focus on obedience commands. Games for fun and 'tricks' for alleviating boredom and what to do about separation anxiety will be covered. Class is structured for dogs under one year of age.

COED 001 CE: Math Placement Prep 0 cr
80903 Sec T79 Course Dates: 8/12 - 12/15 Hanson / Warpinski
8/12 - 12/15 Distance Web
Delivered:
\$35 additional fee for section T79

COED 001 CE: Puppy Kindergarten 0 cr
79730 Sec T74 Course Dates: 9/20 - 10/25 Kluting / Royce
9/20 - 10/25 R 7:00p - 8:00p SC 115
\$99 additional fee for section T74

Puppy kindergarten class is for puppies six to sixteen weeks of age, using only positive training methods. In addition to basic 'manners' you will cover nutrition, grooming and first aid. Most importantly are the 'socialization' periods in each class. It's during this time that the puppy learns proper etiquette and that the owner will learn what constitutes acceptable puppy behavior. Class is structured for dogs up to 6 months of age.

COED 001 CE: SE Mushrooms / Identify 0 cr
79852 Sec T78 Course Dates: 9/13 - 9/22 Labounty, K
9/13 - 9/22 R 7:00p - 8:30p SC 124
9/13 - 9/22 S 10:00a - 2:00p SC 124
Students should dress for outdoor field trips
\$49 additional fee for section T78

This course will introduce the students to the mushroom flora of Southeast Alaska. Focus will be on the use of taxonomic keys for identification of fungi and recognition of edible and poisonous mushrooms. Cooking and preservation of mushrooms will be discussed. Field trips will be followed by in-class identification of collected mushrooms.

COED 001 CE:SLR Camera Basics 0 cr
80087 Sec T71 Course Dates: 9/25 - 10/16 McClain, H
9/25 - 10/16 T 6:30p - 8:30p SC 205
\$49 additional fee for section T71

Overwhelmed by a fancy camera with changeable lenses and the ability to set shutter and aperture? This is the class for you. We will take the camera out of Auto mode and explore shutter speed, aperture, ISO settings and lens selection. You will be panning fast moving objects like cars, eagle or kids. You will learn to blur the background in flower photos. Bring your camera with an empty memory card and the manual to the first class.

COED 001 ETT Online Training with book 0 cr
79539 Sec T73 Course Dates: 8/12 - 12/15 Hanson, J
8/12 - 12/15 Distance Web
Delivered:
\$225 additional fee for section T73

COED 001 Intro to COED 0 cr
79526 Sec T70 Course Dates: 8/12 - 12/15 Hanson, J
8/12 - 12/15 Distance Web
Delivered:
This course is for UAS HIM and HIT faculty and adjuncts ONLY.

COED 002 CE: AKNP Course Development 0 cr
81065 Sec T70 Course Dates: 10/2 - 12/15 Hanson, J
10/2 - 12/15 Distance Web
Delivered:

COED 003 Blackboard 101 0 cr
79609 Sec T72 Course Dates: 8/30 - 12/15 Ohalloran, M
8/30 - 12/15 Distance Web
Delivered:

COED 003 iTeach Juneau 2012

79429 Sec T71 Course Dates: 8/30 - 12/15

0 crOlson / Baldwin
/ Purvis /
OHalloran

8/30 - 12/15

Distance Web
Delivered:**COED 003 Ohalloran Test Course**

79428 Sec T70 Course Dates: 8/30 - 12/15

0 cr

Ohalloran, M

8/30 - 12/15

Distance Web
Delivered:**COMM: Communication****COMM 111 Fundamentals of Oral Communication 3 cr**

77442 Sec J01 Course Dates: 8/30 - 12/15 Guschwan, M

8/30 - 12/15 M,W,F 9:10a - 10:10a EG 218

\$25 additional fee for section J01

77443 Sec J02 Course Dates: 8/30 - 12/15 Weigel, B

8/30 - 12/15 T,R 8:00a - 9:30a EG 225

\$25 additional fee for section J02

77444 Sec J03 Course Dates: 8/30 - 12/15 Guschwan, M

8/30 - 12/15 T,R 1:15p - 2:45p EG 223

\$25 additional fee for section J03

77445 Sec J04 Course Dates: 8/30 - 12/15 Vernon, J

8/30 - 12/15 M,W 9:45a - 11:15a HB 201

\$25 additional fee for section J04

77446 Sec J05 Course Dates: 8/30 - 12/15 Vernon, J

8/30 - 12/15 R 5:30p - 8:30p EG 225

\$25 additional fee for section J05

78610 Sec K01 Course Dates: 8/30 - 12/15 Bennett, C

8/30 - 12/15 T,R 1:30p - 2:50p PAUL 519

78611 Sec KD1 Course Dates: 8/30 - 12/15 Whalen, T

8/30 - 12/15 M,W 3:00p - 4:20p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Students will be sent digital video camera after course begins. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

Prerequisite: ENGL S110 or S111 (or concurrent enrollment) or instructor permission.

Introduction to the field of oral communication focusing on interpersonal, small group and public speaking processes. Covers skills for improving feedback, active listening, language usage, nonverbal behavior, audience analysis, and techniques for speech preparation, delivery and alleviating speaking anxiety.

COMM 235 Small Group Communication and Team Building 3 cr

77448 Sec J01 Course Dates: 8/30 - 12/15 Weigel, B

8/30 - 12/15 T,R 9:45a - 11:15a EG 225

\$25 additional fee for section J01

Prerequisite: ENGL S111 (C or higher) or instructor permission.

Practical application of the theories of interaction, information sharing,

decision making, team building, and problem solving processes to small group situations. Principles of conflict, leadership, group roles, self evaluation, evidence, and reasoning are explored through group observation, practice and analysis.

COMM 237 Interpersonal Communication 3 cr

78900 Sec TD1 Course Dates: 8/30 - 12/15 Henry, D

8/30 - 12/15 W 5:30p - 6:45p Distance Audio

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.

\$40 additional fee for section TD1

Prerequisite: ENGL S111 (C or higher) or instructor permission.

Understanding and building interpersonal communication skills. Students use experiential and oral performance approaches to explore nonverbal and verbal channels, emotions, empathetic listening, perception, self disclosure, and conflict, in significant relationships. Must complete with grade of C or higher to fulfill speech communication GER.

COMM 291 Communication Internship 1 - 6 cr

77449 Sec J01 Course Dates: 8/30 - 12/15 Vernon, J

8/30 - 12/15 - ARR

Variable credits 1-3, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements.

Prerequisite: Admission to a program, demonstration of preparation for internship activity, and instructor permission via approval form.

Student work experience while employed (paid or unpaid) by a business or organization, under the supervision of both a qualified professional in the work situation and a faculty member.

COMM 294 Communication Internship 1 - 6 cr

77450 Sec J01 Course Dates: 8/30 - 12/15 Vernon, J

8/30 - 12/15 - ARR

Variable credits 1-3, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements

Prerequisite: Instructor permission via approval form.

A classroom or work related project supervised by a faculty member and an on-site individual who supervises the practicum focus area. Emphasis is on practical applications of oral and, to a lesser extent, written communication competencies in an appropriate environment.

COMM 330 Intercultural Communication 3 cr

77451 Sec JD1 Course Dates: 8/30 - 12/15 Koester, S

8/30 - 12/15 Distance Web
Delivered:

Distance Web. Requires Internet and e-mail. Access UAS-Online at uas.alaska.edu/online for course information, and edit personal profile. Books available from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 in Juneau, or toll-free 1-877-465-4827 x6163.

\$100 additional fee for section JD1

Prerequisite: Lower division communication course or permission, and ENGL S111 or equivalent.

Understanding the communication process that occurs when people of different cultures interact. Topics include perception, stereotyping, language and non-verbal concepts of kinesics, time and space. Special emphasis on analyzing the communication differences that make a difference with Alaska cultures. This course meets the state requirement for certification in multicultural education.

COMM 340 Media Studies **3 cr**
 77452 Sec J01 Course Dates: 8/30 - 12/15 Vernon, J
 9/10 - 12/15 M 6:00p - 9:00p EG 108
 \$25 additional fee for section J01

80047 Sec JD1 Course Dates: 8/30 - 12/15 Vernon, J
 8/30 - 12/15 M 6:00p - 9:00p Distance Audio
 Distance Audio. Requires Internet and email. Access UAS-Online at uas.alaska.edu/online for class information, and edit personal profile. Order books from MBS at direct.mbsbooks.com/uialaska.htm, or call 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 in Juneau, or toll-free 1-877-465-4827, x6163.
 \$100 additional fee for section JD1

Prerequisite: ENGL S211 (C or higher) or instructor permission.

Examines major theoretical frameworks for analyzing traditional and digital media, and techniques for applying those theories to specific media products and genres. Using various theoretical lenses, students will examine a wide variety of media, including advertising, film, television, news, and the Internet. Students will also investigate economic and political aspects of the media and will explore the ways that race, gender, and class are presented in media products.

COMM 491 Advanced Communication Internship **1 - 6 cr**
 77454 Sec J01 Course Dates: 8/30 - 12/15 Vernon, J
 8/30 - 12/15 - ARR
 Variable credits 1-4, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements.

80818 Sec J02 Course Dates: 8/30 - 12/15 Vernon, J
 8/30 - 12/15 - ARR
 Internship with ASTE Conference, Anchorage

Prerequisite: Admission to a program, demonstration of preparation for internship activity, and instructor permission.

Work experience where a student is employed (paid or unpaid) by a business or organization and is under the supervision of both a qualified professional in the work situation and a faculty member.

COMM 494 Advanced Communication Practicum **1 - 6 cr**
 77455 Sec J01 Course Dates: 8/30 - 12/15 Vernon, J
 8/30 - 12/15 - ARR
 Variable credits 1-4, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements.

Prerequisite: Instructor permission.

A classroom or work related project supervised by a faculty member and an on-site individual who supervises the practicum focus area. Emphasis is on practical applications of oral and, to a lesser extent, written communication competencies in an appropriate environment.

CSV: Community Service

CSV 001 Basic ESL Tutoring **0 cr**
 78901 Sec T01 Course Dates: 8/30 - 12/15 Beam, A
 8/30 - 12/15 - SC 226

CSV 002 Basic GED Tutoring **0 cr**
 78902 Sec T01 Course Dates: 8/30 - 12/15 Warpinski, S
 8/30 - 12/15 - SC 226

CSV 005 CSV:GED Preparation **0 cr**
 79677 Sec K01 Course Dates: 9/10 - 12/6 Willett, C
 9/10 - 12/6 M,T,W,R 3:30p - 6:00p ROBT 116
 Preparation for GED testing.

CSV 005 CSV:GED Testing **0 cr**
 79678 Sec K02 Course Dates: 9/14 - 12/14 Murph, L
 9/14 - 12/14 F 10:45a - 3:00p PAUL 515
 Testing for GED.

CSV 005 CSV:Math Review **0 cr**
 79679 Sec K03 Course Dates: 9/17 - 12/6 Willett, C
 9/17 - 12/6 M,T,W,R 6:15p - 7:30p ROBT 116
 Math review for GED. This course is offered via live feed from Anchorage.

CT: Construction Technology

CT 100 Woodworking I **3 cr**
 77359 Sec TP2 Course Dates: 8/30 - 12/15 Tingley, A
 8/30 - 12/15 - TMHS
 \$75 additional fee for section TP2
 77361 Sec TP4 Course Dates: 8/30 - 12/15 Cleary, M
 8/30 - 12/15 - OT Klaw
 \$75 additional fee for section TP4

Introduction to woodworking and woodworking machines; project construction and general finishing procedures.

CT 120 Basic Construction Techniques **3 cr**
 77365 Sec J01 Course Dates: 9/4 - 10/17 Traxler, P
 9/4 - 10/17 T,W,R 1:30p - 4:00p TEC 140
 9/4 - 10/17 T,W,R 1:30p - 4:00p TEC 125
 9/4 - 10/17 T,W,R 1:30p - 4:00p TEC 139
 \$100 additional fee for section J01
 79827 Sec T80 Course Dates: 8/27 - 10/19 Hughes, P
 8/27 - 10/19 M,T,W,R,F 11:05a - 12:35p SC Hangar
 80670 Sec T01 Course Dates: 8/27 - 12/20 Hughes, P
 8/27 - 12/20 M,T,W,R,F 1:15p - 2:35p SC Hangar
 \$5 additional fee for section T01

Overview of construction hand and power tool usage, building procedures and codes, job and site planning, layout, foundation, floor wall, and roof framing methods, utilizing current construction practices.

CT 120 Basic Construction Techniques **3 cr**
 77366 Sec TP1 Course Dates: 8/30 - 12/15 Bullick, A
 8/30 - 12/15 - JD Hs
 \$75 additional fee for section TP1
 77367 Sec TP4 Course Dates: 8/30 - 12/15 Cleary, M
 8/30 - 12/15 - OT Klaw
 \$75 additional fee for section TP4

Overview of construction hand and power tool usage, building procedures and codes, job and site planning, layout, foundation, floor wall, and roof framing methods, utilizing current construction practices.

CT 122 Residential Renovation, Retrofit and Repair 3 cr

77408 Sec J01 Course Dates: 10/22 - 10/26 Traxler, P
 10/22 - 10/26 M,T,W,R,F 8:00a - 5:00p TEC 139
 10/22 - 10/26 M,T,W,R,F 8:00a - 5:00p TEC 140
 Prerequisite: Department approval required. For more information call Colby Shibley at (907) 796-6151.

77414 Sec J02 Course Dates: 11/12 - 11/16 Traxler, P
 11/12 - 11/16 M,T,W,R,F 8:00a - 5:00p TEC 125
 11/12 - 11/16 M,T,W,R,F 8:00a - 5:00p TEC 140
 11/12 - 11/16 M,T,W,R,F 8:00a - 5:00p TEC 139
 Prerequisite: Department approval required. For more information call Colby Shibley at (907) 796-6151.

79916 Sec J03 Course Dates: 10/22 - 10/26 Traxler, P
 10/22 - 10/26 M,T,W,R,F 8:00a - 5:00p TEC 139
 10/22 - 10/26 M,T,W,R,F 8:00a - 5:00p TEC 212
 \$50 additional fee for section J03

79917 Sec J04 Course Dates: 11/12 - 11/16 Traxler, P
 11/12 - 11/16 M,T,W,R,F 8:00a - 5:00p TEC 139
 11/12 - 11/16 M,T,W,R,F 8:00a - 5:00p TEC 212
 \$50 additional fee for section J04

An introductory course in residential renovation, energy retrofitting, and repair. Subjects will include sequences, considerations, and consequences of exterior and interior retrofits and repairs.

CT 155 Woodworking II 3 cr

77370 Sec TP1 Course Dates: 8/30 - 12/15 Duker, C
 8/30 - 12/15 - JD Hs
 \$75 additional fee for section TP1

Prerequisite: CT S100.

Special methods in wood construction and wood finishing, emphasizing furniture and precision woodcraft.

CT 170 Residential Design, Codes and Standards 3 cr

77373 Sec J01 Course Dates: 8/30 - 12/15 Gilcrist, R
 8/30 - 12/15 W 6:00p - 8:45p TEC 212
 \$35 additional fee for section J01

80672 Sec T80 Course Dates: 10/22 - 12/20 Hughes, P
 10/22 - 12/20 M,T,W,R,F 11:05a - 12:35p SC Hangar

Covers basic architectural drafting and residential design. Students will learn to read a set of house plans, complete a conceptual design for a house following current International Residential Codes, will understand standard building practices for a cold maritime climate, and will be aware of green building practices.

CT 175 Introduction to AutoCAD 3 cr

77374 Sec J01 Course Dates: 8/30 - 12/15 Gilcrist, R
 8/30 - 12/15 T 6:00p - 9:45p RC 230
 \$35 additional fee for section J01

Stacked: This class is stacked with 77566 CT 181. Students registered in CT 181 can not register for CT 175.

An introduction to computer aided design and drafting using the industrial standard AutoCAD software. Includes the basics of computer hardware and software, computer skills required for creating and editing drawings.

CT 175 Introduction to AutoCAD 3 cr

77375 Sec TP1 Course Dates: 8/30 - 12/15 Duker, C
 8/30 - 12/15 - JD Hs
 \$75 additional fee for section TP1

An introduction to computer aided design and drafting using the industrial standard AutoCAD software. Includes the basics of computer hardware and software, computer skills required for creating and editing drawings.

CT 185 Building Diagnostics and Testing 3 cr

77379 Sec J01 Course Dates: 10/15 - 10/20 George, M
 10/15 - 10/20 M,T,W,R,F 8:00a - 5:30p TEC 140
 10/15 - 10/20 M,T,W,R,F 8:00a - 5:30p TEC 125
 10/15 - 10/20 S 8:00a - 4:30p TEC 140
 10/15 - 10/20 S 8:00a - 4:30p TEC 125
 10/15 - 10/20 M,T,W,R,F 8:00a - 5:30p TEC 139
 10/15 - 10/20 S 8:00a - 4:30p TEC 139

Prerequisite: Department approval required.

77412 Sec J02 Course Dates: 11/5 - 11/10 George, M
 11/5 - 11/10 M,T,W,R,F 8:00a - 5:30p TEC 125
 11/5 - 11/10 S 8:00a - 4:30p TEC 212
 11/5 - 11/10 S 8:00a - 4:30p TEC 140
 11/5 - 11/10 S 8:00a - 4:30p TEC 125
 11/5 - 11/10 M,T,W,R,F 8:00a - 5:30p TEC 212
 11/5 - 11/10 M,T,W,R,F 8:00a - 5:30p TEC 140

Prerequisite: Department approval required.

79918 Sec J03 Course Dates: 10/15 - 10/20 George, M
 10/15 - 10/20 M,T,W,R,F 8:00a - 5:00p TEC 139
 10/15 - 10/20 M,T,W,R,F 8:00a - 5:00p TEC 140

\$50 additional fee for section J03

79919 Sec J04 Course Dates: 11/5 - 11/10 George, M
 11/5 - 11/10 M,T,W,R,F 8:00a - 5:00p TEC 139
 11/5 - 11/10 M,T,W,R,F 8:00a - 5:00p TEC 140

\$50 additional fee for section J04

Corequisite: CT S201 or instructor permission.

Identify the hidden flaws often found in residential buildings that can cause discomfort, high energy costs, moisture and indoor air quality problems. Lectures will concentrate on theory, performance analysis and diagnostic testing methods for residential buildings. Lab sessions will focus on using a blower door, pressure measuring devices, flow hoods and analysis software.

CT 193 ST: Blueprint Reading 3 cr

80637 Sec T80 Course Dates: 8/27 - 10/19 Hughes, P
 8/27 - 10/19 M,T,W,R,F 11:05a - 12:35p SC Hangar

CT 201 Cold Climate Construction 3 cr

77380 Sec J01 Course Dates: 10/8 - 10/12 George, M
 10/8 - 10/12 M,T,W,R,F 8:00a - 5:00p TEC 139
 10/8 - 10/12 M,T,W,R,F 8:00a - 5:00p TEC 212
 10/8 - 10/12 M,T,W,R,F 8:00a - 5:00p TEC 140

Prerequisite: Department approval required.

77413 Sec J02 Course Dates: 10/29 - 11/2 George, M
 10/29 - 11/2 M,T,W,R,F 8:00a - 5:00p TEC 212
 Prerequisite: Department approval required.

79843 Sec T80 Course Dates: 8/27 - 10/19 Hughes, P
 8/27 - 10/19 M,T,W,R,F 1:15p - 2:35p SC Hangar

79920 Sec J03 Course Dates: 10/8 - 10/12 George, M
 10/8 - 10/12 M,T,W,R,F 8:00a - 5:00p TEC 139
 \$25 additional fee for section J03

79921 Sec J04 Course Dates: 10/29 - 11/2 George, M
 10/29 - 11/2 M,T,W,R,F 8:00a - 5:00p TEC 139
 Prerequisite: Department approval required.
 \$25 additional fee for section J04

80568 Sec T01 Course Dates: 8/27 - 12/20 Hughes, P
 8/27 - 12/20 M,T,W,R,F 1:15p - 2:35p SC 115
 \$5 additional fee for section T01

Design, construction and basic building science for understanding, planning, and constructing a durable home in a cold climate. Upon satisfactory completion, this course meets the prerequisite for the State of Alaska Contractor Residential Endorsement and also for 16 continuing education credits by the State of Alaska, Division of Occupation Licensing for General Contractors with Residential Endorsement.

CT 222 Building Construction I 3 cr

77381 Sec J01 Course Dates: 10/23 - 12/11 Traxler, P
 10/23 - 12/11 T,W,R 1:30p - 4:00p TEC 140
 10/23 - 12/11 T,W,R 1:30p - 4:00p TEC 125
 10/23 - 12/11 T,W,R 1:30p - 4:00p TEC 139
 \$100 additional fee for section J01

79829 Sec T80 Course Dates: 10/22 - 12/20 Hughes, P
 10/22 - 12/20 M,T,W,R,F 11:05a - 12:35p SC Hangar

80278 Sec T01 Course Dates: 8/27 - 12/20 Hughes, P
 8/27 - 12/20 M,T,W,R,F 11:05a - 12:35p SC Hangar
 \$5 additional fee for section T01

Prerequisite: CT S120.

Skill development in contemporary methods of building construction.

CT 223 Building Construction II 3 cr

79844 Sec T80 Course Dates: 10/22 - 12/20 Hughes, P
 10/22 - 12/20 M,T,W,R,F 1:15p - 2:35p SC Hangar

80279 Sec T01 Course Dates: 8/27 - 12/20 Hughes, P
 8/27 - 12/20 M,T,W,R,F 1:15p - 2:35p SC Hangar
 \$5 additional fee for section T01

80569 Sec T02 Course Dates: 8/27 - 12/20 Hughes, P
 8/27 - 12/20 M,T,W,R,F 11:05a - 12:35p SC 115
 \$5 additional fee for section T02

Prerequisite: CT 120.

Advanced skill development in interior and exterior finish carpentry and cabinet making.

CT 225 Construction Planning and Scheduling 3 cr

77383 Sec J01 Course Dates: 8/30 - 12/15 Fritz, C
 9/10 - 12/15 M 6:00p - 9:00p TEC 212
 \$25 additional fee for section J01

Overview of organizing and planning for on-site construction. A review of building codes, ordinances, contracts and related information as regarding scheduling and managing a project.

DESL: Diesel Technology

DESL 102 Lubrication, Preventative Maintenance, and Inspections 2 cr

78565 Sec J01 Course Dates: 10/19 - 11/30 Johnson, C
 10/19 - 11/30 F 9:00a - 4:00p TEC 217
 10/19 - 11/30 F 9:00a - 4:00p TEC 218
 \$50 additional fee for section J01

Prepares students to effectively perform visual inspections and preventative maintenance operations at different levels on machines. Also covers proper lubricants, fluids, and fittings. Types and uses of machines, proper tooling, basic mechanical systems, and safety are stressed. Introduction to various machine systems and adjustments are included.

DESL 110 Diesel Engines 6 cr

77416 Sec J01 Course Dates: 8/30 - 12/15 Johnson, C
 8/30 - 12/15 M 9:00a - 11:30a TEC 218
 8/30 - 12/15 W 9:00a - 3:45p TEC 114
 8/30 - 12/15 M 9:00a - 11:30a TEC 217
 Wednesday meetings include one-half hour lunch.
 \$100 additional fee for section J01

80384 Sec J02 Course Dates: 8/30 - 12/15 Dolan, T
 8/30 - 12/15 M 9:00a - 3:45p TEC 114
 8/30 - 12/15 W 9:00a - 11:30a TEC 218
 8/30 - 12/15 W 9:00a - 11:30a TEC 217
 \$100 additional fee for section J02

This course covers all aspects of diesel engines that are used in modern heavy equipment including marine, truck and stationary applications. Troubleshooting, repair, parts reuse, and engine rebuilding are included. One full day each week is spent in the lab rebuilding a diesel engine. Students can bring their own diesel engine to rebuild with the permission of the instructor.

DESL 125 Basic Hydraulics 3 cr

77418 Sec J01 Course Dates: 9/4 - 10/11 Dolan, T
 9/4 - 10/11 T,R 6:00p - 10:00p TEC 114
 9/4 - 10/11 T,R 6:00p - 10:00p TEC 218
 9/4 - 10/11 T,R 6:00p - 10:00p TEC 217
 \$65 additional fee for section J01

Basic laws governing hydraulic design, layout and application. Introduction to components to include: disassembly and reassembly of pumps, motors, control valves and cylinders. Understanding of hoses, pipe fittings, seals and gaskets.

DESL 161 Applied Marine Hydraulics 1 cr

77419 Sec J01 Course Dates: 12/4 - 12/7 Johnson, C
 12/4 - 12/7 T,R,F 9:00a - 4:00p TEC 217
 12/4 - 12/7 T,R,F 9:00a - 4:00p TEC 114
 12/4 - 12/7 T,R,F 9:00a - 4:00p TEC 218
 Course meeting times include one-half hour for lunch.
 \$30 additional fee for section J01

Pass/Fail grading.

Preventative maintenance course designed for boat mates and engineers. Includes repair, troubleshooting, adjustment, and installation of vessel hydraulics.

DESL 171 Heavy Duty Electrical Systems 3 cr

77420 Sec J01 Course Dates: 10/16 - 11/29 Dolan, T
 10/16 - 11/29 T,R 10:00a - 1:45p TEC 114

77420 Sec J01 Course Dates: 10/16 - 11/29 Dolan, T
 10/16 - 11/29 T,R 10:00a - 1:45p TEC 218
 10/16 - 11/29 T,R 10:00a - 1:45p TEC 217
 \$60 additional fee for section J01

This hands-on class covers DC electrical systems in boats, vehicles, and stationary equipment. DC theory, circuits, components, and troubleshooting are stressed. Students in this course will learn to troubleshoot and correct DC systems using a meter. Charging systems and marine battery applications are included. Recommended for boat owners or operators. All tools and meters are provided. No mechanical or electrical experience is necessary.

DESL 263 Marine Transmissions 3 cr
 77422 Sec J01 Course Dates: 9/4 - 10/12 Johnson, C

9/4 - 10/12 T,F 9:00a - 2:45p TEC 114
 9/4 - 10/12 T,F 9:00a - 2:45p TEC 218
 9/4 - 10/12 T,F 9:00a - 2:45p TEC 217

Course meeting times include one-half hour for lunch.
 \$60 additional fee for section J01

A study in the operation, maintenance and repair of marine transmissions and other shipboard gearing units like winches and stern drives.

DESL 291A Alaska Marine Highway Oiler Internship 12 cr
 77424 Sec J01 Course Dates: 8/30 - 12/15 Gilcrist, R

8/30 - 12/15 - FIELD
 \$422 additional fee for section J01

Prerequisite: Completion of the Marine Engine Room Preparation Certificate, a valid USCG wiper Z card, and instructor permission.

This unpaid internship fulfills the United States Coast Guard's large vessel engine room sea time requirement of six months needed prior to taking the USCG oiler examination and receiving a USCG merchant mariner's document (Z card) with an oiler endorsement. The student will work in the engine room onboard an Alaska Marine Highway ferry in Southeast Alaska.

DESL 291 Internship: Diesel 3 cr
 77423 Sec J01 Course Dates: 8/30 - 12/15 Gilcrist, R

8/30 - 12/15 - ARR

Pass/Fail grading.

Internships are experience-based courses that place a student in an organization under the supervision of both a qualified professional on the site and a faculty member from the academic discipline. Students must be admitted to a university program, and show educational preparedness for the internship and its connection to their academic goals. Requires signed permission by Instructor Approval Form.

ECE: Early Childhood Education

ECE 605 Early Childhood Education Principles and Practices 3 cr

80674 Sec JD1 Course Dates: 8/30 - 12/15 Andrews, S
 8/30 - 12/15 - ARR
 \$90 additional fee for section JD1

Survey of current research regarding early childhood education trends and issues. Professionalism, ethics, and engaging in continuous, collaborative learning to inform practice will be addressed. Examines issues supporting families, understanding diverse family and community characteristics which affect school success for children in preschool and primary grades. 25 hours lab required. Grade of C or better is required for degree program.

ECE 609 Classroom Management and Child Guidance in ECE 3 cr

78904 Sec JD1 Course Dates: 8/30 - 12/15 Wray, S
 9/10 - 12/15 M 5:30p - 8:00p Distance Elive

Course meets online via Elluminate. Additional 25 hours lab required. Internet and e-mail are required. Access this course from UAS-Online at uas.alaska.edu/online. Postings and on-line discussions will be through the course site. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

Guidance and management practices based on multiple aspects of typical and atypical child development; current research and theories of child development; using developmentally effective approaches to connect with children and families; techniques to support trust building and promote healthy, respectful, supportive, and challenging learning environments for young children with and without exceptional learning needs. 25 hours lab required. Grade of B or better required for degree program.

ECE 661 Literacy and Young Children 3 cr

78905 Sec JD1 Course Dates: 8/30 - 12/15 Andrews, S
 8/30 - 12/15 W 6:00p - 8:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail are required. Access this course from UAS-Online at uas.alaska.edu/online. Postings and on-line discussions will be through the course site. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

Prerequisite: ECE S651 for ECE program; ED S230 and S333 for Elementary Credential program.

Developmentally appropriate procedures to facilitate young children's literacy development. Integrating written language experiences with oral language development. Appropriate learning environments to enhance literacy development are explored. Additional 25 hours lab required.

ECE 664 Curriculum Development in Early Childhood Programs 3 cr

78906 Sec JD1 Course Dates: 8/30 - 12/15 Andrews, S
 8/30 - 12/15 T 5:30p - 8:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail are required. Access this course from UAS-Online at uas.alaska.edu/online. Postings and on-line discussions will be through the course site. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

Prerequisite: ECE S663 or instructor permission.

Survey of historical and contemporary methods using developmentally effective approaches in designing, implementing, and evaluating meaningful, challenging curriculum. Reflective and critical perspectives in planning appropriate experiences for young children are discussed. Observation, documentation, and assessment are explored. Grade of B or better is required for degree program.

ECE 698 Master's Research Project or Portfolio 1 - 3 cr
 78908 Sec JD1 Course Dates: 8/30 - 12/15 Andrews, S
 8/30 - 12/15 R 5:30p - 6:30p Distance Elive
 Prerequisite: M. ED. ECE program students only and instructor permission required. Course meets online via Elluminate. Requires access to Internet and e-mail. Concise Rules of APA Style (6th Edition) ISBN 1-59147-252-0 to use as a reference. Access this course from UAS-Online at uas.alaska.edu/online. Elluminate may be accessed through the course homesite under communication tools. Order books from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 796-6424 or 1-866-465-6424 toll-free.
 \$90 additional fee for section JD1

Prerequisite: Permission of graduate advisor and instructor required. Pass/Fail grading.

A research paper, project, or a professional portfolio, jointly approved by the student's graduate committee and the student; to coincide with the student's professional objectives. The portfolio should document the required knowledge and ability to apply the standards set by the UAS School of Education. Portfolio criteria should be obtained from the School of Education or the graduate advisor. The student's graduate committee may require an oral defense of either option.

ECON: Economics

ECON 201 Principles of Economics I: Macroeconomics 3 cr
 78311 Sec JD1 Course Dates: 8/30 - 12/15 Bergan, N
 8/30 - 12/15 W 5:30p - 6:45p Distance Elive
 Course meets online via Elluminate. Requires access to computer with Pentium 2 or better processor, microphone, speakers (or headset), Internet and email. Access UAS-Online at uas.alaska.edu/online for textbook and course information, Elluminate information, and edit your personal profile. Order books from MBS at direct.mbsbooks.com/ualaska.htm, or 1-800-325-3252. For more course information call 796-6163 in Juneau, or toll-free 1-877-465-4827, ext 6163.
 \$65 additional fee for section JD1

Corequisite: MATH S105.

Analysis and theory of national income; money and banking; fiscal and monetary policies.

ECON 202 Principles of Economics II: Microeconomics 3 cr
 78312 Sec J01 Course Dates: 8/30 - 12/15 Vander Naald, B
 8/30 - 12/15 M,W,F 12:00p - 1:00p EG 225
 \$25 additional fee for section J01

Corequisite: MATH S105.

Theory of prices and markets; income distribution; contemporary problems of labor and market structure, examination of international economic relations.

ECON 391 Internship: Applied Economics 1 - 6 cr
 79300 Sec J01 Course Dates: 8/30 - 12/15 Noon, D
 8/30 - 12/15 - ARR

ECON 435 Natural Resource/ Environmental Economics 3 cr
 79048 Sec J01 Course Dates: 8/30 - 12/15 Vander Naald, B
 8/30 - 12/15 M,W 8:00a - 9:30a EG 108
 \$25 additional fee for section J01

Prerequisite: ECON 202.

Economic analysis of resource uses and development. Topics include economics of renewable resources, forestry, and fisheries; environmental economics, and public resource management. Examples are presented of Alaska resource development and management experience.

ECON 497 IS: Payments for Ecosystem Srv 3 cr
 80822 Sec J01 Course Dates: 8/30 - 12/15 Vander Naald, B
 8/30 - 12/15 - ARR

ED: Education

ED 193P ST: Elements of Effective Instruction 3 cr
 80913 Sec J06 Course Dates: 9/29 - 6/6 Escalante, A
 9/29 - 6/6 - OT Ketch
 For more information call (907) 796-6045. Sponsor: Ketchikan Gateway Borough School District. Loc: Fawn Mtn. Elementary (Library).
 \$90 additional fee for section J06

Pass/Fail grading.

Involves watching videos of classroom instruction, scripting for evidence, aligning evidence to the elements of effective instruction being used in KGBSD's new evaluation tool, then class participants seeing if there is consensus and debating when there is not. Participants will also read "Teach Like a Champion" and "The Art and Science of Teaching" outside of class. Participants will tie in these readings to the discussions in order to collaboratively arrive at practical next steps each can use to modify or tweak their practice.

ED 193 Foundations: Alaska Native Perspectives in Education 1 cr
 79458 Sec J02 Course Dates: 8/31 - 11/30 Cadiente Brown, R
 8/31 - 11/30 F 3:00p - 4:00p EG 108
 For more information call (907) 796-6045. Sponsor: PITAAS/UAS School of Education. Loc: UAS Juneau Campus.
 \$90 additional fee for section J02

Prerequisite: PITAAS students only or instructor approval.

Explores ways to support the health and success of Alaska Native children and their families in Alaska's public schools through culturally responsive curriculum. We will read articles from Alaska Native Knowledge Network resource book, Sharing Our Pathways: Native Perspectives on Education in Alaska, edited by Ray Barnhardt and Angayuqag Oscar Kawagley. Guest speakers will share ideas through discussion and activities among peers.

ED 193 ST: Coop Learning & Active Engagement 2 cr
 79680 Sec J01 Course Dates: 7/29 - 12/14 Miller, G
 7/29 - 12/14 - OT Bethel
 For more information call (907) 796-6045. Sponsor: Lower Kuskokwim School District. Loc: Bethel, Various SW Villages.
 \$90 additional fee for section J01

Kagan Professional Development offers the world's most powerful and engaging professional development opportunities for educators. Kagan

Structures are research based instructional strategies that have a track record of improving academic achievement and social outcomes. The course provides a two-day training by Kagan professional trainers on cooperative learning and active engagement. Follow-up visits to assist implementation will be provided by trained district staff members.

ED 193 ST: Dual Language Training I 3 cr
79712 Sec J03 Course Dates: 5/19 - 12/14 Miller, G
5/19 - 12/14 - OT Bethel

For more information call (907) 796-6045. Sponsor: Lower Kuskokwim School District. Loc: Bethel, Various SW Villages.
\$90 additional fee for section J03

This introduction to Dual Language Instruction training provides teachers with the ability to determine language dominance of the site/staff & students, develop a template to assist long-term implementation of dual Language at their site. Teachers will also gain knowledge on how to develop a dual Language classroom that will include a language/print rich environment; develop challenging, interactive and authentic lessons, and many specialized language enrichment activities.

ED 193 ST: Dual Language 3 cr
79713 Sec J04 Course Dates: 5/21 - 12/14 Miller, G
5/21 - 12/14 - OT Bethel

For more information call (907) 796-6045. Sponsor: Lower Kuskokwim School District Loc: Bethel, Various SW Villages.
\$90 additional fee for section J04

In this course teachers will gain specific knowledge on how to develop a language rich classroom based on research based activities that will include a language/print rich environment; develop challenging, interactive and authentic lessons; and many specialized language enrichment activities. Teachers will receive follow-up visits to assist with goal setting and implementation strategies.

ED 193 ST: Implementing DLEM in School 4 cr
80129 Sec J05 Course Dates: 6/15 - 12/14 Miller, G
6/15 - 12/14 - OT Anch

For more information call (907) 796-6045. Sponsor: Lower Kuskokwim School District. Loc: Bethel, Anchorage, Various SW Villages.
\$100 additional fee for section J05

Participants will learn how to implement the Dual Language Enrichment Model both in the classroom and at the site. Participants will learn how to be leaders in their school to facilitate the consistent implementation of the DLE Model that has proven effective in improving the long-term linguistic and academic achievement of all students. Initial and follow-up training and support is provided in all key components of the model as well as conducting follow-up classroom visits to assist with fidelity of implementation. The addition of a hands-on development of needed start-up materials has been added to the course to facilitate the implementation of the program at the beginning of the school year.

ED 222 Orientation to the Teaching Profession 3 cr
78436 Sec J01 Course Dates: 8/30 - 12/15 Jones, A
8/30 - 12/15 T,R 11:30a - 1:00p HB 201

Students will need to successfully complete a 25-hour practicum in a public school setting.
\$15 additional fee for section J01

An orientation to the teaching profession, including teacher training, employment opportunities, professional growth, education philosophy and teaching effectiveness. Introduction to issues confronting educators: integrating special needs students, selection of appropriate teaching materials, curriculum and lesson planning, and constructive teacher-student interaction.

ED 230 Introduction to Educational Technology 3 cr
78437 Sec JD1 Course Dates: 8/30 - 12/15 Graham, L
8/30 - 12/15 Distance Web
Delivered:

Requires Internet and e-mail. No text. Access this course from UAS-Online at uas.alaska.edu/online.
\$55 additional fee for section JD1

Provides an overview of applied technology in K-12 education. Topics include the use of tool software, telecommunications, computer-assisted instruction, and multimedia in the classroom. Also addresses classroom management technology. Concepts learned in class will be applied in practice.

ED 302 Foundations of Literacy and Language Development 3 cr

78439 Sec JD1 Course Dates: 8/30 - 12/15 Iris, K
8/30 - 12/15 T 6:00p - 8:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.
\$55 additional fee for section JD1

Explores how children learn language, similarities and differences between first and second language acquisition, how culture influences language and literacy development, and how language is taught. Course tracks language acquisition from birth through the school years.

ED 320A Art in the K-8 Curriculum 1 cr
78440 Sec JD1 Course Dates: 8/30 - 9/27 Staveland / Spangler

8/30 - 9/27 R 6:00p - 7:00p Distance Audio
Audio: call 1-800-570-3591 Pin 3681916. Internet, e-mail and DVD player required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/uialaska.htm or call 1-800-325-3252. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.
\$50 additional fee for section JD1

Introduction to current philosophies of art education for elementary and middle-school students. Skills and techniques needed for teachers to provide effective art programs.

ED 320B Physical Education in the K-8 Curriculum 1 cr

78441 Sec JD1 Course Dates: 10/4 - 11/1 McCormick, K
10/4 - 11/1 R 6:00p - 7:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.
\$50 additional fee for section JD1

80626 Sec JD2 Course Dates: 10/4 - 11/1 McCormick, K
10/4 - 11/1 R 7:15p - 8:15p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$50 additional fee for section JD2

Introduction to current philosophies in physical education for elementary and middle-school students. Skills and techniques needed by elementary school teachers to provide a sound physical education program.

ED 320C Music in the K-8 Curriculum 1 cr

78442 Sec JD1 Course Dates: 11/8 - 12/13 Hopper, R
11/8 - 12/13 R 6:00p - 7:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$50 additional fee for section JD1

Introduction to the current theories of music instruction. Skills and techniques needed by elementary and middle-school teachers to provide an effective music program.

ED 320D Drama in the K-8 Curriculum 1 cr

78443 Sec JD1 Course Dates: 10/27 - 12/1 Davis, R
10/27 - 12/1 S 1:00p - 4:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$50 additional fee for section JD1

Principles, methods and materials of drama at the elementary and middle-school levels. A wide variety of creative activities basic to curricula is explored. Includes the use of drama in standards-based curriculum planning and assessment for a diverse student population.

ED 320E Health in the K-8 Curriculum 1 cr

78444 Sec JD1 Course Dates: 9/4 - 10/2 Jones, A
9/4 - 10/2 T 4:45p - 5:45p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$50 additional fee for section JD1

Introduction to current philosophies and practices in health education for elementary and middle-school students. Knowledge and skills needed for teachers to provide effective health education.

ED 333 The Learner and the Learning Process 3 cr

78446 Sec JD1 Course Dates: 8/30 - 12/15 Lofthus, J
8/30 - 12/15 W 6:00p - 7:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

Study learning theories by examining accounts from educational psychology and the original writings of leading learning theorists. Special emphasis is placed on the curricular, instructional, and assessment practices that are promoted by these different learning theories.

ED 380 Multicultural Education 3 cr

78613 Sec KD1 Course Dates: 8/30 - 12/15 Davis, G
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Registration ends October 26. In order to earn a final grade or an Incomplete, all lessons with the exception of the final project must be submitted by December 3. Students who have completed all lessons will be given until March 8, 2013 to submit the final project. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information. \$75 additional fee for section KD1

80504 Sec KD2 Course Dates: 8/30 - 12/15 Davis, G
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information. Registration ends October 26. In order to earn a final grade or an Incomplete, all lessons with the exception of the final project must be submitted by December 3. Students who have completed all lessons will be given until March 8, 2013 to submit the final project. \$75 additional fee for section KD2

Investigation of the major concepts and issues in multicultural education with emphasis on the dimensions of content integration, knowledge construction, prejudice reduction, equity pedagogy, and empowering school culture. Includes issues regarding the education of Alaska Natives with attention to cultural standards.

ED 416 Teaching Literacy in the K-8 Curriculum 4 cr

78448 Sec JD1 Course Dates: 8/30 - 12/15 Janicek, P
9/10 - 12/15 M 6:00p - 8:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

Prerequisite: Admission to BA Elementary Education major or permission from program director.

Developmentally appropriate methods for guiding students' development of literacy skills K-8, as outlined in national, state, and local standards. Development of literacy skills and strategies within the context of developing the written language, thinking processes, and appropriate assessment integral to teaching. Integration of subject areas and technology to enhance literacy.

ED 417 Teaching Social Studies in the K-8 Curriculum 2 cr

78450 Sec JD1 Course Dates: 8/30 - 12/15 Lofthus, J
8/30 - 12/15 T 2:00p - 3:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

Prerequisite: Admission to BA Elementary Education major or permission from program director.

Inquiry approach to the themes of social studies and the methods of eliciting thinking and knowledge development. Creating curricular units based on standards. Integration of subject areas and technology to enhance learning.

ED 427 Teaching Math in the K-8 Curriculum 3 cr
78452 Sec JD1 Course Dates: 8/30 - 12/15 Fredenberg, V
9/10 - 12/15 M 1:10p - 4:10p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

Prerequisite: Admission to BA Elementary Education major or permission from program director.

Methods of teaching math. Reading processes in mathematics, and methods to foster student understanding of the major concepts and procedures of mathematical topics as outlined in national, state, and local standards. Teaching to diverse populations and accommodating all students. Integration of subject areas and technology to enhance learning.

ED 428 Teaching Science in the K-8 Curriculum 2 cr
78454 Sec JD1 Course Dates: 8/30 - 12/15 Jones, A
8/30 - 12/15 T 10:00a - 11:00a Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

Prerequisite: Admission to BA Elementary Education major or permission from program director.

Methods of teaching science. Inquiry processes in science, foster understanding of fundamental concepts in physical, life, earth and space science, and science process. Teaching to diverse populations and accommodating all students. Integration of subject areas and technology to enhance the learning.

ED 494A Applications of Teaching: Field Work 3 cr
78455 Sec J01 Course Dates: 8/30 - 12/15 Jones, A
8/30 - 12/15 - FIELD

Prerequisite: Juneau BA Elementary Education senior students only. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$45 additional fee for section J01

78457 Sec JD2 Course Dates: 8/30 - 12/15 Lofthus, J
8/30 - 12/15 - FIELD

Prerequisite: Non-Juneau BA Elementary Education senior students only. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free. . .

\$440 additional fee for section JD2

Prerequisite: Admission to BA Elementary Education major or permission from program director.

Practicum in an elementary school classroom. Observation of development, cultural and cognitive diversity Application of teaching and

assessment of instructional strategies and curricular development. Experience with behavioral management of individuals and groups and the relationship to classroom community. Supervised by faculty member and classroom teacher.

ED 593 ST: Accessible Mathematics 1 cr
80757 Sec J28 Course Dates: 9/18 - 10/16 Bauer, S
9/18 - 10/16 - OT Palme

For more information call (907) 796-6045. Sponsor: Mat-Su Borough School District. Location: Palmer (Academy Charter School).

\$90 additional fee for section J28

A study of the book, "Accessible Mathematics," by Steven Leinwand, including discussion, activities and small group work to expand and develop effective and efficient instruction in mathematics. The book examines specific instructional strategies in mathematics and will help to improve instruction in mathematics and student learning. This book stresses the need to shift from the "what" to the "why." Participants will better understand the expectations of the Common Core Standards in mathematics.

ED 593 ST: Action Research 2 cr
80466 Sec J24 Course Dates: 9/12 - 12/12 Salinas, L
9/12 - 12/12 W 5:30p - 7:30p RC 205

For more information call (907) 796-6045. Sponsor: Juneau School District. Loc: UAS Juneau campus BRC-205.

\$90 additional fee for section J24

Addresses the philosophy and techniques of action research. participants will learn techniques of quantitative and qualitative research used in the action research process to understand students, improve practice and contribute to the knowledge base and practice of education.

ED 593 ST: Cognitive Coaching 4 cr
80100 Sec J22 Course Dates: 8/7 - 12/7 Schoenberger, G
8/7 - 12/7 - OT Anch

For more information call (907) 796-6045. Sponsor: Alaska Department of Education and Early Development. Loc: Anchorage. Final assignment due 12/21/2012.

\$100 additional fee for section J22

80865 Sec J32 Course Dates: 9/18 - 2/22 Billings, B
2/19 - 2/22 T,W,R,F 8:30a - 4:45p OT Anch
9/18 - 9/21 T,W,R,F 8:30a - 4:45p OT Anch

Sponsored by AK Dept Educ & Early Developmt (DEED). Location: Anchorage Westmark Hotel, Turnagain Rm. For information or to register call UAS PEC 907-796-6045.

\$100 additional fee for section J32

Cognitive Coaching is defined as a set of strategies, a way of thinking and a way of working that invites self and others to shape and reshape their thinking and problem solving capabilities. It is a supervisory/peer coaching model that capitalizes upon and enhances cognitive processes. It allows the person to mediate thinking and enables the thinker to become mega-cognitive. It is a powerful approach to enhancing performance and building learning organizations. Cognitive Coaching is based on the following 4 major propositions: thought and perception produce all behavior, teaching is constant decision-making, to learn something new requires engagement and alteration in thought and humans continue to grow cognitively.

ED 593 ST: College/Career Readiness 3 cr
80893 Sec J35 Course Dates: 9/23 - 4/16 Coenraad, F
9/23 - 9/23 U 5:30p - 9:00p OT
10/30 - 4/16 T 4:30p - 6:00p Distance Web
9/25 - 9/25 T 9:00a - 1:30p EG 221

80893 Sec J35 Course Dates: 9/23 - 4/16 Coenraad, F
 9/24 - 9/24 M 8:15a - 8:00p EG 221
 10/20 - 4/16 Distance Web
 Delivered:
 For more information call (907) 796-6045. Sponsor: Goldbelt
 Heritage/UAS SOE. Loc: UAS Juneau Campus Egan 221.
 \$90 additional fee for section J35

In collaboration with the College Board, UAS is sponsoring and Educator Fly-In. The College Board will present a session of its annual fall counselor workshop especially for this event. Because the purpose of the Fly-In is to inform Southeast Alaska counselors about UAS programs, services and updates from the College Board. Enabling participants to increase their college/career readiness knowledge base. The content of the course will be delivered through direct instruction webinars and monthly online seminars. The webinars are produced by the College Board National Office of School Counseling Advocacy (NOSCA) as part of its college/career readiness "Own the Turf" program.

ED 593 ST: Common Core Standards 1 cr
 80505 Sec J26 Course Dates: 9/7 - 9/9 Bauer, S
 9/7 - 9/9 - OT Palme
 For more information call (907) 796-6045. Sponsor: Mat-Su
 Borough School District. Location: Palmer (Birch Tree Charter
 School). Final assignment due 9/15/12.
 \$90 additional fee for section J26

Using the common core standards for English Language Arts and Mathematics, participants will develop a curriculum that is vertically aligned for use in a Waldorf-inspired K-8 Charter School.

ED 593 ST: Coop Learning & Active Engagement 2 cr
 79127 Sec J17 Course Dates: 7/29 - 12/14 Miller, G
 7/29 - 12/14 - OT Bethel
 For more information call (907) 796-6045. Sponsor: Lower
 Kuskokwim School District. Loc: Bethel, Various SW Villages.
 \$90 additional fee for section J17

Kagan Professional Development offers the world's most powerful and engaging professional development opportunities for educators. Kagan Structures are research based instructional strategies that have a track record of improving academic achievement and social outcomes. The course provides a two-day training by Kagan professional trainers on cooperative learning and active engagement. Follow-up visits to assist implementation will be provided by trained district staff members.

ED 593 ST: Curriculum Mapping: Scope and Sequence for Core Content Area Team Members 2 cr
 80030 Sec J19 Course Dates: 8/6 - 8/10 Montague-Winebarger, C
 8/6 - 8/10 - ANCH
 For more information call (907) 796-6045. Sponsor: North Slope
 Borough School District. Loc: Anchorage Hilton. Final assignment
 due 12/1/2012.
 \$90 additional fee for section J19

Participants will review construction curricula with mapping in the Understanding by Design format in order to promote higher order thinking skills, engage students in authentic performance assessment task, generate transfer and application of knowledge all of which contribute to the improvement of student achievement. Participants will then work collaboratively to draft a scope and sequence map for each content area at each grade level.

ED 593 ST: Design/Teach Online Crse 3 cr
 79635 Sec TD1 Course Dates: 9/24 - 1/11 Purvis, M
 9/24 - 1/11 Distance Web
 Delivered:
 \$90 additional fee for section TD1

An introductory course that offers practical and theoretical advice for faculty about designing and teaching online courses and provides guided support as you design and develop an online course for delivery.

ED 593 ST: Dual Language Training I 3 cr
 79154 Sec J15 Course Dates: 5/19 - 12/14 Miller, G
 5/19 - 12/14 - OT Junea
 For more information call (907) 796-6045. Sponsor: Lower
 Kuskokwim School District. Loc: Bethel, Various SW Villages.
 \$90 additional fee for section J15

This introduction to Dual Language Instruction training provides teachers with the ability to determine language dominance of the site/staff & students, develop a template to assist long-term implementation of dual Language at their site. Teachers will also gain knowledge on how to develop a dual Language classroom that will include a language/print rich environment; develop challenging, interactive and authentic lessons, and many specialized language enrichment activities.

ED 593 ST: Dual Language 3 cr
 79126 Sec J16 Course Dates: 5/21 - 12/14 Miller, G
 5/21 - 12/14 - OT Bethel
 For more information call (907) 796-6045. Sponsor: Lower
 Kuskokwim School District Loc: Bethel, Various SW Villages.
 \$90 additional fee for section J16

In this course teachers will gain specific knowledge on how to develop a language rich classroom based on research based activities that will include a language/print rich environment; develop challenging, interactive and authentic lessons; and many specialized language enrichment activities. Teachers will receive follow-up visits to assist with goal setting and implementation strategies.

ED 593 ST: Effect Pract in Lit Instr 1 cr
 81096 Sec J44 Course Dates: 10/31 - 5/17 Garcia, P
 10/31 - 5/17 - JUNEAU
 \$90 additional fee for section J44

ED 593 ST: Effective School Libraries 1 cr
 79818 Sec T02 Course Dates: 8/20 - 9/7
 8/20 - 9/7 F 3:00p - 4:00p SITKA Shs
 8/20 - 9/7 M,T 8:30a - 3:30p SITKA Shs
 \$90 additional fee for section T02

Designed to develop the technical service skills of certified teachers establishing school library media programs operating within a library consortium. Focus will be on the effective use of library automation systems, particularly the SirsiDynix automation system. Course will examine professional standards including intellectual freedom and the role of local, state and national consortia and resources in providing services to enhance student achievement.

ED 593 ST: Elements of Effective Instruction 3 cr
 80889 Sec J34 Course Dates: 9/29 - 6/6 Escalante, A
 9/29 - 6/6 - KETCH
 For more information call (907) 796-6045. Sponsor: Ketchikan
 Gateway Borough School District. Loc: Fawn Mtn. Elementary
 (Library).
 \$90 additional fee for section J34

Involves watching videos of classroom instruction, scripting for evidence, aligning evidence to the elements of effective instruction being used in KGBSD's new evaluation tool, then class participants seeing if there is consensus and debating when there is not. Participants will also read "Teach Like a Champion" and "The Art and Science of Teaching" outside of class. Participants will tie in these readings to the discussions in order to collaboratively arrive at practical next steps each can use to modify or tweak their practice.

ED 593 ST: Engaging Students 1 cr
 80758 Sec J29 Course Dates: 9/26 - 1/9 Anderegg, C
 9/26 - 1/9 - BARROW
 For more information call (907) 796-6045. Sponsor: North Slope Borough School District. Loc: Barrow. Final assignment due 5/8/2013.
 \$90 additional fee for section J29

Participants will become knowledgeable in the use of all aspects of the Achieve 3000 program in order to engage students in more appropriate/engaging reading and writing activities all of which will contribute to the improvement of student achievement in reading, writing and cross-curriculum subject areas.

ED 593 ST: Exploring the Art Kits 3 (2 cred) 2 cr
 80863 Sec J30 Course Dates: 9/18 - 12/4 McWilliams, J
 9/18 - 12/4 T 5:00p - 7:00p OT Bethel
 Sponsored by LKSD. Location: LKSD Admin Bldg, VTC Lab. For information or to register call UAS PEC 907-796-6045.
 \$90 additional fee for section J30

80864 Sec J31 Course Dates: 9/18 - 11/6 McWilliams, J
 9/18 - 11/6 T 5:00p - 7:00p OT Bethel
 Sponsored by LKSD. Location: LKSD Admin Bldg, VTC Lab. For information or to register call UAS PEC 907-796-6045.
 \$90 additional fee for section J31

This 2-credit course presents all 12 of the Project ARTiculate art kits at the LKSD Media Center. Each class features a different kit chosen from data collected by the center. Targeted grade levels kits include combined grade levels. Many kits can be adapted for other grade levels and suggestions for doing so will be offered. Instruction will model how teachers might use the kit in classrooms. Teachers will practice art techniques introduced and complete one project from each kit. Suggested content area integration and alignment with AK content GLEs/standards will be identified to show how kits can supplement instruction and raise student motivation and participation. Presents tools for effective assessment. Final assignment due 12/14/12.

ED 593 GHF Springboard 3 cr
 80031 Sec J20 Course Dates: 8/13 - 4/5 Coenraad, F
 10/18 - 10/18 R 4:00p - 7:15p HB 113
 2/26 - 2/26 T 4:00p - 7:15p EG
 8/13 - 8/15 M,T,W 9:00a - 4:00p EG 224
 11/21 - 11/21 W 9:00a - 12:30p EG 109
 10/1 - 3/15 Distance Web
 Delivered:
 For more information call (907) 796-6045. Sponsor: Goldbelt Heritage Foundation/UAS SOE. Loc: UAS Juneau Campus. Final assignment due 4/20/2013.
 \$90 additional fee for section J20

Provides teachers and administrators with the skills and curriculum to administer College Board and pre-AP courses in the Juneau school district. The curriculum is geared to provide equity and access for upper level classes while better preparing large groups of students for post-secondary success. The course will focus on formative feedback, collaboration, and creating alignment with the curriculum from the middle grades through undergraduate collegiate years at a local level.

ED 593 ST: Implementing DLEM in School 4 cr
 79125 Sec J14 Course Dates: 6/15 - 12/14 Miller, G
 6/15 - 12/14 - OT
 For more information call (907) 796-6045. Sponsor: Lower Kuskokwim School District. Loc: Bethel, Anchorage, Various SW Villages.
 \$100 additional fee for section J14

Participants will learn how to implement the Dual Language Enrichment Model both in the classroom and at the site. Participants will learn how to be leaders in their school to facilitate the consistent implementation of the DLE Model that has proven effective in improving the long-term linguistic and academic achievement of all students. Initial and follow-up training and support is provided in all key components of the model as well as conducting follow-up classroom visits to assist with fidelity of implementation. The addition of a hands-on development of needed start-up materials has been added to the course to facilitate the implementation of the program at the beginning of the school year.

ED 593 ST: Implementation of PBIS 2 cr
 80895 Sec J36 Course Dates: 10/3 - 12/5 Bauer, S
 10/3 - 12/5 - OT Wasilla
 For more information call (907) 796-6045. Sponsor: Mat-Su Borough School District. Loc: Wasilla (Colony Middle School Library).
 \$90 additional fee for section J36

Designed to assist participants in designing, implementing and evaluating effective school-wide and classroom procedures that lead to a more supportive and positive school environment for all students. The class will primarily focus on improving a school's ability to teach expectations and support positive behavior. Through class readings and activities we will examine current school policies and procedures and their impact on student on student behavior. An emphasis of the class will be on skills, techniques and procedures that address behavioral management principals, classroom climate, and the importance of building rapport with students in the teacher's individual classroom.

ED 593 ST: Instructional Tours 2 cr
 81097 Sec J45 Course Dates: 10/16 - 12/13 Bauer, S
 10/16 - 12/13 - OT
 \$90 additional fee for section J45

ED 593 Intermediate Curriculum Mapping, Alignment and Integration 3 cr
 80032 Sec J21 Course Dates: 8/30 - 12/15 Montague-Winebarger, C
 8/30 - 12/15 - OT
 For more information call (907) 796-6045. Sponsor: North Slope Borough School District. Final assignment due 3/18/2013.
 \$90 additional fee for section J21

Participants will construct curricula with mapping in the Understanding by Design format in order to promote higher order thinking skills, engage students in authentic performance assessment task, generate transfer and application of knowledge all of which contribute to the improvement of student achievement.

ED 593 ST: Math in Focus: Year I 2 cr
 80888 Sec J33 Course Dates: 8/29 - 5/7 Newman, P
 8/29 - 5/7 - MD
 For more information call (907) 796-6045. Sponsor: Juneau School District. Loc: Marie Drake.
 \$90 additional fee for section J33

An on-going classroom-embedded professional development designed to help teachers understand how to deliver mathematics instruction in a

way that is differentiated for each student, based on state and national standards, and designed to coordinate with improved achievement on the SBA's. Using an RTI mode, 3 case study students (a high, medium and low achieving student.) from each class would be identified by each participating teacher and monitored for improvement on the standards/targets using formative assessments. Three times during the year, summative assessments would be given and results would be reported to the teachers and principal if requested. Appropriate interventions would be planned for kids not moving toward the targets.

ED 593 ST: Practicum Student Supervision 1 - 6 cr
 78459 Sec J01 Course Dates: 8/30 - 12/15 Lofthus, J
 8/30 - 12/15 - ARR
 Credits 1-3 variable.
 \$15 additional fee for section J01
 78460 Sec J02 Course Dates: 8/30 - 12/15 Jones, A
 8/30 - 12/15 - ARR
 Credits 1-3 variable.
 \$15 additional fee for section J02
 78463 Sec J05 Course Dates: 8/30 - 12/15 Spangler, K
 8/30 - 12/15 - ARR
 Credits 1-3 variable.
 \$15 additional fee for section J05

Prerequisite: Permission required. Contact the Education Dept, (907) 796-6424.

Supervision of UAS BA Elementary practicum student in school classroom. Supervising teacher helps candidate master the conceptual framework and standards for a beginning teacher.

ED 593 ST: RTI Math 1 cr
 79944 Sec J18 Course Dates: 7/30 - 7/31 Mcdonald, P
 7/30 - 7/31 - OT
 For more information call (907) 796-6045. Sponsor: Delta Greely School District. Loc: Fort Greely School (Library). Final assignment due 10/31/12.
 \$90 additional fee for section J18

This is a two part course. Day one will be facilitated by a representative from Odyssey Math, which is an intervention program we are implementing this year. Our math coach, Patricia McDonald, will be present during this session. She will facilitate day two, which will focus on best practice for ELL and TRI in Math instruction. Patricia McDonald will facilitate Tier I, II and III instructional techniques with an emphasis on using data and placement of actual students. She will also facilitate staff in the best use of RTI blocks and implementation of Odyssey Math.

ED 593 ST: Simplifying Life with the iPad 3 cr
 80495 Sec J25 Course Dates: 8/28 - 11/29 Bauer, S
 8/28 - 11/29 - OT Wasilla
 For more information call (907) 796-6045. Sponsor: Mat-Su Central. Loc: Wasilla (Mat-Su Central Project Room).
 \$90 additional fee for section J25

Participants will be introduced to and apply the following concepts, ideas, programs and apps on the iPad through the following topics: Understanding Apple's iPad part 1 & 2 (Meet Google, your new help desk, App store basics, calendar tricks, e-mail on the iPad, read later time management, cooking up ideas, printers and PDF's, evernote and text editors, presentations from the iPad, what are you 'syncing' about? and more).

ED 593 ST: Spalding Support 1 cr
 80953 Sec J37 Course Dates: 9/25 - 11/6 Bauer, S
 9/25 - 11/6 - OT
 For more information call (907) 796-6045. Sponsor: Mat-Su Borough School District. Loc: Sutton (Glacier View School

Library).
 \$90 additional fee for section J37

Provides instructional support for participants to engage in continued learning, reflection and discourse about the implementation of the Spalding methodology. Students in this course are implementing the Spalding literacy philosophy and practices defined in "The Writing Road to Reading" by Romalda Bishop Spalding. Instruction will include current instructional practices using Spalding Phonogram cards, the Writer's notebook, enhanced sight word drills, spelling rules, and identification of high frequency words.

ED 593 ST: STEM Competencies 1 cr
 80308 Sec J23 Course Dates: 8/17 - 8/21 Mcdonald, P
 8/17 - 8/21 - OT
 For more information call (907) 796-6045. Sponsor: Aleutians East Borough School District. Loc: King Cove Elementary (Library). Final assignment due 8/31/12.
 \$90 additional fee for section J23

Teachers will learn engaging math, science and technology strategies, tips and programs to use in their classrooms. Additionally, they will learn some technology to manage student records and to network with students, parents, other teachers and the Aleutian community.

ED 593 Supervision of Administrative Intern I 1 cr
 78468 Sec J10 Course Dates: 8/30 - 12/15 Laster, M
 8/30 - 12/15 - ARR
 \$15 additional fee for section J10

Prerequisite: Permission required. For information call (907) 796-6045.

Supervision of M.Ed. Educational Leadership interns in the school setting.

ED 593 ST: Supervision of Administrative Intern II 2 cr
 78469 Sec J11 Course Dates: 8/30 - 12/15 Laster, M
 8/30 - 12/15 - ARR

Prerequisite: Permission required. For information call (907) 796-6045.

Supervision of M.Ed. Educational Leadership interns in the school setting.

ED 593 ST: Supervision of Student Teachers I 1 cr
 78461 Sec J03 Course Dates: 8/30 - 12/15 Spangler, K
 8/30 - 12/15 - ARR

Choose this course if your Student Teaching Supervisor is local. No online registration. Fax a registration form (uas.alaska.edu/forms/documents/coursereg.pdf) to 907-796-6550. Requires Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online.

\$15 additional fee for section J03

78464 Sec J06 Course Dates: 8/30 - 12/15 Marvel, D
 8/30 - 12/15 - ARR
 \$15 additional fee for section J06

78466 Sec J08 Course Dates: 8/30 - 12/15 Jones, A
 8/30 - 12/15 - ARR
 Open to K-12 teachers who are currently hosting a UAS student teacher.

\$15 additional fee for section J08

78911 Sec J12 Course Dates: 8/30 - 12/15 Burkert, J
 8/30 - 12/15 - ARR
 \$15 additional fee for section J12

Prerequisite: Permission required. Contact the Education Dept, (907) 796-6533.

ED 593 ST: Supervision of Student Teachers II 2 cr
 78462 Sec J04 Course Dates: 8/30 - 12/15 Spangler, K
 8/30 - 12/15 - ARR
 78465 Sec J07 Course Dates: 8/30 - 12/15 Marvel, D
 8/30 - 12/15 - ARR
 78467 Sec J09 Course Dates: 8/30 - 12/15 Jones, A
 8/30 - 12/15 - ARR
 Open to K-12 teachers who are currently hosting a UAS student teacher.
 78912 Sec J13 Course Dates: 8/30 - 12/15 Burkert, J
 8/30 - 12/15 - ARR

Prerequisite: Permission required. Contact the Education Dept, (907) 796-6533.

Supervision of practicum student in school classroom. Host teacher supervises and mentors a candidate mastering the conceptual framework and standards for a beginning teacher. Meets weekly with the practicum student, supervising the candidate's observations, tutoring, and practice teaching in the classroom.

ED 593 ST: Tribal Leadership Book Study 1 cr
 80756 Sec J27 Course Dates: 9/14 - 12/7 Bauer, S
 9/14 - 12/7 - OT Wasilla
 For more information call (907) 796-6045. Sponsor: Mat-Su Borough School District. Loc: Wasilla (Burchell High School room 104).
 \$90 additional fee for section J27

This study will use the book, "Tribal Leadership: Leveraging Natural Groups to Build a Thriving Organization," by Dave Logan, John King and Halee Fischer-Wright. Participants will learn how leveraging culture is the next untapped well for organizational performance, learn how to shift dysfunctional behavior, mismanagement and errant leadership within most teams and organizations, learn how to shift from individual performance to group performance, learn how to identify the cultural stage of your organization, learn an actionable plan to lead your organization to the next level and learn how to harness the full power of the tribe to accomplish more.

ED 593 ST:AMSEA Marine Sfty Inst Trng 3 cr
 79676 Sec T90 Course Dates: 11/12 - 11/18 Dzugan, J
 11/12 - 11/18 M,T,W,R,F,S 8:00a - 5:00p OT
 \$90 additional fee for section T90

ED 593 Cold Water Safety and Survival for Educators 2 cr
 79826 Sec TD2 Course Dates: 9/24 - 12/15 Allen, M
 9/24 - 12/15 Distance Web Delivered:
 Total cost of this graduate level course (ED 593) is \$260.00 for two university credits. This includes a \$130.00 course fee paid directly to AMSEA and \$130.00 fee paid to UAS Sitka. To register, contact Mary Chambers at AMSEA, 907 747-3287 or coursecoord@amsea.org. Registration is permanent and nonrefundable.
 \$130 additional fee for section TD2

Teaching Cold Water Safety and Survival is designed to provide teachers and other youth educators with the information they need to teach children and young adults to play and work safely in and around the cold water. Participants are taught using sample excersises from Alaska Marine Safety Education Association's (AMSEA's) extensive K-12 curriculum. Although this curriculum covers cold water safety and survival, small boat safety and survival and land safety and survival, it is only the cold water safety and survival that is covered in this course. Students work on their own time throughout each week but are expected

to turn in weekly assignments and interact with their classmates on the Discussion Board.

ED 615 Literacy in the Intermediate and Middle School Grades 3 cr
 78509 Sec JD1 Course Dates: 8/30 - 12/15 Gibeault, J
 8/30 - 12/15 T 6:15p - 7:30p Distance Audio
 No online registration. Fax registration form (uas.alaska.edu/forms) to 1-907-796-6059. Audio: call 1-800-570-3591 pin 6506720. Requires practicum in K-8 classroom, Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. For more information call 907-796-6533.
 \$90 additional fee for section JD1

Prerequisite: ED S230, S333 and admission to Elementary Credential program.

Literacy philosophy, theory and practice in the intermediate classroom. Teaching to individual differences; planning, teaching and assessing for student literacy; organizing and managing for optimal students learning; communication with parents; and professional behavior. Practicum experience in a classroom (grades 4-8) is required. Requires access to computer, Internet, e-mail, DVD, and audio conference.

ED 616 Math Methods in the K-8 Classroom 3 cr
 78511 Sec JD1 Course Dates: 8/30 - 12/15 Mcmillan lii, C
 8/30 - 12/15 T 4:00p - 6:00p Distance Elive
 Course meets online via Elluminate. Requires practicum in K-8 classroom, Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6082.
 \$90 additional fee for section JD1

Prerequisite: Admission to the Graduate Certificate in Elementary Education program and M.Ed. in Mathematics.

Philosophy, research, organization, methods and materials of an elementary math program. Emphasis on activities with large and small groups of students, using manipulatives to develop children's understanding of math concepts, processes and problem solving. Practicum in K-8 classroom required. Requires access to computer, Internet, e-mail. DVD, and audioconference.

ED 617 Science Methods in the K-8 Classroom 3 cr
 78512 Sec JD1 Course Dates: 8/30 - 12/15 Mcmillan lii, C
 8/30 - 12/15 W 4:30p - 5:30p Distance Elive
 No online registration. Fax registration form (uas.alaska.edu/forms) to 1-907-796-6059. Course meets online via Elluminate. Requires practicum in K-8 classroom, Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6533.
 \$110 additional fee for section JD1

Prerequisite: ED S230, S333, and admission to Elementary Credential program.

The guiding ideas, materials and methods of current science instruction for elementary school children. Emphasis on hands-on, minds-on learning and helping children build conceptual webs. Requires practicum in K-8 classroom. Requires access to computer, internet, e-mail, DVD, and audio conference.

ED 618 Social Studies in the K-8 Classroom 3 cr

78513 Sec JD1 Course Dates: 8/30 - 12/15 Hagan, P

9/10 - 12/15 M 6:00p - 7:15p Distance Elive

No online registration. Fax registration form (uas.alaska.edu/forms) to 1-907-796-6059. Course meets online via Elluminate. Requires practicum in K-8 classroom, Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6533.

\$90 additional fee for section JD1

Prerequisite: ED S230, ED S333, and admission to the Elementary Credential program.

Addresses the Alaska Teacher Standards for teaching social studies in the elementary classroom. Covers theories, methods and materials; issues behind philosophies of teaching; specific inquiry in a social science topic; planning, teaching and evaluating a wide variety of activities and lessons; development of long-term plans; goals and units for social studies within the Alaska Content Standards. A weekly practicum in a K-8 classroom is required. Requires use of Internet, e-mail, audio conference, and DVD.

ED 619 Classroom Management and Discipline 3 cr

78514 Sec JD1 Course Dates: 8/30 - 12/15 Spangler, K

8/30 - 12/15 R 4:30p - 5:30p Distance Elive

Course meets online via Elluminate. Requires practicum in K-8 classroom, Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6082.

\$90 additional fee for section JD1

Prerequisite: Admission to the Graduate Certificate in Elementary Education program.

Planning and carrying out an overall approach to managing an elementary classroom that allows for effective instruction and constructive discipline. Practicum in K-8 classroom required. Requires access to computer, Internet, e-mail, DVD, and audio conference.

ED 620 Curriculum Development 3 cr

78515 Sec JD1 Course Dates: 8/30 - 12/15 Marvel, D

8/30 - 12/15 F 1:00p - 4:00p Distance Audio

Audio: call 1800-570-3591 pin 5480920. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. For additional information call 907-796-6525.

\$90 additional fee for section JD1

Prerequisite: MAT Secondary students only.

Basic definition of curriculum. Present need for curriculum improvement; criteria for selection of broad goals; types of curriculum framework and consideration of the organization of specific learning experiences as part of the curriculum structure.

ED 621A Curriculum Development A 1 cr

79584 Sec JD1 Course Dates: 9/14 - 10/12 Jones, A

9/14 - 10/12 F 4:30p - 6:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6533.

\$90 additional fee for section JD1

Requires concurrent enrollment in one of: ED S615, ED S616, ED S617, or ED S618.

A basic definition of curriculum; the need for curriculum improvement; criteria for selection of broad goals; types of curriculum framework; and the organization of specific learning experiences as part of the curriculum structure. Study of the backward design technique.

ED 626 Classroom Research 3 cr

78517 Sec JD1 Course Dates: 8/30 - 12/15 Jones, A

8/30 - 12/15 T 5:30p - 8:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6533.

\$90 additional fee for section JD1

78518 Sec JD2 Course Dates: 8/30 - 12/15 Jones, A

8/30 - 12/15 R 5:30p - 8:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6533.

\$90 additional fee for section JD2

Addresses the philosophy and methodology of ethnographic classroom research, the role of classroom research within the educational profession, and the reflective nature of such research. Students will learn methods of qualitative research and utilize them in classroom research.

ED 630 Classroom Integration of Tool Software 3 cr

78519 Sec JD1 Course Dates: 8/30 - 12/15

8/30 - 12/15 Distance
Delivered:

Internet and e-mail required. No textbook. Access this course from UAS-Online at uas.alaska.edu/online. For more additional information call 907-796-6525.

\$90 additional fee for section JD1

78520 Sec JD2 Course Dates: 8/30 - 12/15

8/30 - 12/15 Distance
Delivered:

Internet and e-mail required. No textbook. Access this course from UAS-Online at uas.alaska.edu/online. For more additional information call 907-796-6525.

\$90 additional fee for section JD2

Prerequisite: Onsite Juneau MAT Secondary students only.

Course puts an equal focus on instructional design and the wise integration of tool software. Activities guide students in using word processing, databases, spreadsheets, simple graphics, and educational research in the development of a standards-based unit. Students learn to critically evaluate software and other electronic teaching resources. Additional hours classroom practicum required. May be offered in two modules: Part A (1 credit) and Part B (2 credits) with practicum.

ED 638 Curriculum and Instructional Leadership 3 cr

78521 Sec JD1 Course Dates: 8/30 - 12/15 Standley, M

8/30 - 12/15 W 4:00p - 7:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. For more information call 796-6402 or toll-

free 1-800-478-9069.

\$90 additional fee for section JD1

Prerequisite: ED S637.

Develops knowledge and practice of assessment and evaluation in schools; learning theories, child and adolescent development, state data reporting, special education, and accountability. Candidates will complete at least 50 hours of internship experience, and will begin the development of a case study or research project related to school improvement.

ED 680 Advanced Multicultural Education 3 cr
78626 Sec KD1 Course Dates: 8/30 - 12/15 Jones, A

8/30 - 12/15 M 4:30p - 5:50p Distance Elive
Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$110 additional fee for section KD1

Focuses on effective ways of accommodating cultural diversity in the classroom, and facilitating appreciation of the differences that exist among people. Explores ways teachers and school systems can support equitable learning for all students. Includes issues of the indigenous populations of Alaska and rural schooling, with attention to the Alaska Standards for Culturally Responsive Schools. Explores possibilities in prejudice reduction, curricular inclusion, an empowering school culture, and an equity pedagogy.

ED 688 Student Teaching: MAT ECE 6 cr
78907 Sec JD7 Course Dates: 8/30 - 12/15 Andrews, S

8/30 - 12/15 Distance Elive
Delivered:

8/30 - 12/15 - FIELD

Prerequisite: ECE MAT distance supervision students only and instructor permission required. Course meets online via Elluminate. Day and times TBA. Requires access to Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6533 or 1-866-465-6424 toll-free.

\$440 additional fee for section JD7

Prerequisite: Approval for student teaching and 3.00 GPA in program sequence.

Supervised teaching in elementary or secondary schools. The department may limit registration, determine assignments, and prescribe the number of teaching hours required. Grade of B or better is required for the degree program.

ED 688 Student Teaching 6 cr
78529 Sec JD1 Course Dates: 8/30 - 12/15 Jones, A

8/30 - 12/15 - FIELD

Choose this course if your student teaching supervisor must travel by plane to supervise you. No online registration. Fax a registration form (uas.alaska.edu/forms) to 907-796-6550. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 796-6402 or toll-free 1-800-478-9069.

\$440 additional fee for section JD1

Prerequisite: Approval for student teaching and 3.00 GPA in program sequence.

Supervised teaching in elementary or secondary schools. The department may limit registration, determine assignments, and prescribe

the number of teaching hours required. Grade of B or better is required for the degree program.

ED 688 Student Teaching 6 cr
78526 Sec J02 Course Dates: 8/30 - 12/15 Spangler, K

8/30 - 12/15 - FIELD

Choose this course if your Student Teaching Supervisor is local. No online registration. Fax a registration form (uas.alaska.edu/forms) to 907-796-6550. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online For more information call 907-796-6533.

\$45 additional fee for section J02

78530 Sec JD2 Course Dates: 8/30 - 12/15 Spangler, K

8/30 - 12/15 - FIELD

Choose this course if your student teaching supervisor must travel by plane to supervise you. No online registration. Fax a registration form (uas.alaska.edu/forms) to 907-796-6059. Requires Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 907-796-6533.

\$440 additional fee for section JD2

Prerequisite: Approval for student teaching and 3.00 GPA in program sequence.

Supervised teaching in elementary or secondary schools. The department may limit registration, determine assignments, and prescribe the number of teaching hours required. Grade of B or better is required for the degree program.

ED 688 Student Teaching 6 cr
78527 Sec J03 Course Dates: 8/30 - 12/15 Burkert, J

8/30 - 12/15 - FIELD

Choose this course if your Student Teaching placement is in Juneau. Audio: call 1-800-570-3591, pin 7797550, days and times to be arranged by the instructor. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online For more information call 907-796-6533.

\$45 additional fee for section J03

78531 Sec JD3 Course Dates: 8/30 - 12/15 Burkert, J

8/30 - 12/15 - FIELD

8/30 - 12/15 Distance Audio
Delivered:

Choose this course if your Student Teaching placement is not in Juneau. Audio: call 1-800-570-3591, pin 7797550, days and times to be arranged by the instructor. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online For more information call 796-6402 or toll-free 1-800-478-9069.

\$440 additional fee for section JD3

Prerequisite: Approval for student teaching and 3.00 GPA in program sequence.

Supervised teaching in elementary or secondary schools. The department may limit registration, determine assignments, and prescribe the number of teaching hours required. Grade of B or better is required for the degree program.

ED 691 Int: M.Ed. Leadership 3 cr
78541 Sec JD1 Course Dates: 8/30 - 12/15 Schoenberger /
Standley

8/30 - 12/15 - FIELD

Meets online via Elluminate, or join via audio: call 1-800-570-3591 Pin 1630183. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. For more additional information call 907-796-6525.

\$365 additional fee for section JD1

ED 691 Int: Sec Tchg I Lab Juneau 3 cr
 78538 Sec J03 Course Dates: 8/30 - 12/15 Marvel, D
 8/30 - 12/15 - JUNEAU SchI
 Access this course from UAS-Online at uas.alaska.edu/online.
 For more information call 1-907-796-6525.
 \$45 additional fee for section J03
 Prerequisite: Onsite MAT Secondary students only.

ED 691 Int: Sec Tchg I Lab Outreach 3 cr
 78543 Sec JD3 Course Dates: 8/30 - 12/15 Marvel, D
 8/30 - 12/15 - FIELD
 Access this course from UAS-Online at uas.alaska.edu/online.
 For more additional information call 907-796-6525.
 \$365 additional fee for section JD3
 Prerequisite: Distance MAT Secondary students only.

ED 692 Education Seminar 3 cr
 79789 Sec J01 Course Dates: 8/30 - 12/15 Marvel, D
 8/30 - 12/15 F 9:00a - 12:00p EG 223
 \$15 additional fee for section J01
 79790 Sec JD1 Course Dates: 8/30 - 12/15 Marvel, D
 8/30 - 12/15 R 1:00p - 4:00p Distance Audio
 Audio: call 1800-570-3591 pin 5480920. Internet and e-mail
 required. Access this course from UAS-Online at
uas.alaska.edu/online. For additional information call 907-796-
 6525.
 \$90 additional fee for section JD1
 Prerequisite: Onsite MAT Secondary students only.

Current topics in education. Maximum credit allowed toward advanced degrees: four credits.

ED 697 IS: Llteracy in Secon Schls 3 cr
 80676 Sec J01 Course Dates: 8/30 - 12/15 Marvel, D
 8/30 - 12/15 - ARR
 \$15 additional fee for section J01

ED 697 IS:AK Child's Lit for the Publ 1 cr
 80559 Sec JD1 Course Dates: 8/30 - 12/15 Spangler, K
 8/30 - 12/15 - ARR
 \$90 additional fee for section JD1
 Prerequisite: Signed approval form required to register.
 Pass/Fail grading.

ED 698 Master's Portfolio: MAT Elementary Education Distance 1 - 3 cr
 78548 Sec JD1 Course Dates: 8/30 - 12/15 Spangler, K
 8/30 - 12/15 Distance Web
 Delivered:
 Prerequisite: MAT Elementary Distance students only. No online
 registration. Fax a registration form (uas.alaska.edu/forms) to 1-
 907-796-6550. Internet and e-mail required. Access this course
 from UAS-Online at uas.alaska.edu/online. Order books from
 MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-
 3252. For more information or to register call 907-694-7019 or e-
 mail katy.spangler@uas.alaska.edu.
 \$90 additional fee for section JD1
 Prerequisite: Permission of graduate advisor and instructor required.
 Pass/Fail grading.
 A research paper, project, or a professional portfolio, jointly approved by

the student's graduate committee and the student; to coincide with the student's professional objectives. The portfolio should document the required knowledge and ability to apply the standards set by the UAS School of Education. Portfolio criteria should be obtained from the School of Education or the graduate advisor. The student's graduate committee may require an oral defense of either option.

EDET: ED: Educational Technology

EDET 628 Technology in Instructional Design 3 cr
 78600 Sec JD1 Course Dates: 8/30 - 12/15 Graham, L
 8/30 - 12/15 Distance Web
 Delivered:
 Internet and e-mail required. Access this course from UAS-Online
 at uas.alaska.edu/online. Order books from MBS at
bookstore.mbsdirect.net/ualaska.htm or call 1-800-325-3252. For
 more information call 907-796-6050.
 \$90 additional fee for section JD1

Course builds on basic computing skills and their use within current educational practice of meaningful integration of technology into the classroom environment. Students will create a standards-based instructional unit modeling appropriate uses of technology to support learning, develop a variety of techniques to use technology to assess student learning of subject matter, and research best practices related to applying appropriate technology resources to enable and empower learners with diverse backgrounds, characteristics, and abilities.

EDET 632 Classroom Internet Integration 3 cr
 79791 Sec JD1 Course Dates: 8/30 - 12/15 Ohler, J
 8/30 - 12/15 Distance Web
 Delivered:
 Prerequisite: MAT Secondary students only. Access this course
 from UAS-Online at uas.alaska.edu/online. For additional
 information call 907-796-6079.
 \$90 additional fee for section JD1

79912 Sec JD2 Course Dates: 8/30 - 12/15 Ohler, J
 8/30 - 12/15 Distance Web
 Delivered:
 Prerequisite: MAT Secondary students only. Access this course
 from UAS-Online at uas.alaska.edu/online. For additional
 information call 907-796-6079.
 \$90 additional fee for section JD2
 Prerequisite: EDET 628 and current teaching certificate, or instructor
 permission.

Focuses on the integration of online communication opportunities and strategies in teaching. Topics include electronic mail, assistive technology, web page design, computer conferencing, and emerging technologies. Students create a classroom-based project integrating online communication tools. Requires access to Internet, e-mail, word processing, gif and jpeg graphics, and web authoring. Additional lab hours required.

EDET 636 The Impact of Technology on Student Learning 3 cr
 79330 Sec JD1 Course Dates: 8/30 - 12/15 Graham, L
 8/30 - 12/15 Distance Web
 Delivered:
 \$90 additional fee for section JD1
 Prerequisite: EDET S628 and admission to the Educational Technology
 program.

Techniques, tools, and strategies for predicting and assessing the effectiveness of technology tools and interventions on student learning. Requires access to a classroom at least two days per week for at least

three weeks of the course in order to complete the portfolio assignment. Requires reliable Internet and ability to download software applications for evaluation.

EDET 670 Planning For Educational Technology 3 cr

78586 Sec JD1 Course Dates: 8/30 - 12/15 Graham, L
8/30 - 12/15 Distance Web
Delivered:

Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/uialaska.htm or call 1-800-325-3252. For more information call 1-907-796-6050.

\$90 additional fee for section JD1

Prerequisite: EDET 628 and current teaching certificate, or instructor permission.

Students will learn the process of creating a long range plan and how to develop strategies for integrating all types of educational technology in school programs.

EDMA:

EDMA 608 Mathematical Problem Solving for K-8 Teachers 3 cr

78588 Sec JD1 Course Dates: 8/30 - 12/15 Mcmillan Iii, C
9/10 - 12/15 M 4:45p - 7:30p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6082.

\$90 additional fee for section JD1

Prerequisite: Current teaching certificate, admission to the Mathematics Education Endorsement program, or permission.

Examines underlying concepts of solving problems using mathematical models, logic, and concepts. Identifies problem solving strategies appropriate to K-8 classrooms. Provides practice developing research and standards based instruction and assessment plans that support an integrated, problem based curriculum.

EDMA 614 Numeration and Operations: Mathematics for K-8 Teachers 3 cr

78591 Sec JD1 Course Dates: 8/30 - 12/15 Throndsen, J
8/30 - 12/15 W 4:45p - 7:30p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6082.

\$90 additional fee for section JD1

Prerequisite: Current teaching certificate, or admission to the Mathematics Education Endorsement program, or instructor permission.

Provides K-8 teachers with the content to understand numbers, how they are represented, and the relationships between and among numbers, number systems, and basic operations. Emphasizes standards and research based practices for helping K-8 students construct efficient computational skills. Provides practice developing instruction and assessment plans that integrate number sense, estimation strategies, and efficient computational skills into a problem based curriculum.

EDMA 654 Algebra and Functions: Content and Pedagogy for K-8 Teachers 3 cr

78885 Sec JD1 Course Dates: 8/30 - 12/15 Stacks, M
9/10 - 12/15 W 4:45p - 7:30p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6533 or 1866-465-6424 toll-free.

\$90 additional fee for section JD1

78886 Sec JD2 Course Dates: 8/30 - 12/15 Stacks, M
9/10 - 12/15 M 4:45p - 7:30p Distance Elive

Prerequisite: Village Teacher Cohort Students only. Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6533 or 1866-465-6424 toll-free.

\$90 additional fee for section JD2

Prerequisite: EDMA S614.

Provides K-8 teachers with the underlying principles and concepts of algebra and functions. Emphasizes building algebraic thinking through an examination of patterns, relationships, and functions; with practice developing multiple representations of functions using tables, graphs, and verbal rules. Examines current instructional and assessment practices in mathematics that are research and standard based, and lead to algebraic reasoning for K-8 students.

EDMA 655 Geometry and Measurement: Content and Pedagogy for K-8 Teachers 3 cr

78888 Sec JD1 Course Dates: 8/30 - 12/15 Domke, L
8/30 - 12/15 R 4:45p - 7:30p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6533 or 1866-465-6424 toll-free.

\$90 additional fee for section JD1

78889 Sec JD2 Course Dates: 8/30 - 12/15 Garcia, P
8/30 - 12/15 W 4:45p - 7:30p Distance Elive

Prerequisite: Village Teacher Cohort Students only. Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uialaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6533 or 1866-465-6424 toll-free.

\$90 additional fee for section JD2

Prerequisite: EDMA S614.

Provides K-8 teachers with the underlying principles of geometric and spatial sense and the levels of geometric learning, with practice developing a variety of physical models, manipulatives, and software for K-8 classrooms. Examines current instructional and assessment practices that are research and standards based, and lead to visualization and spatial reasoning for K-8 students.

EDMA 656 Data Analysis, Statistics, and Probability: Content and Pedagogy for K-8 Teachers 3 cr

78592 Sec JD1 Course Dates: 8/30 - 12/15 Fredenberg, V
8/30 - 12/15 T 4:45p - 7:00p Distance Elive
Course meets online via Elluminate. Internet and email required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6082.
\$90 additional fee for section JD1

79407 Sec JD2 Course Dates: 8/30 - 12/15 Fredenberg, V
8/30 - 12/15 R 4:45p - 7:00p Distance Elive
Course meets online via Elluminate. Internet and email required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6082.
\$90 additional fee for section JD2

Prerequisite: EDMA S614.

Provides K-8 teachers with the basic concepts of data analysis, statistics, and probability, with practice using descriptive and inferential statistics to analyze data and make predictions and decisions. Examines current research and standards based instructional and assessment practices in the areas of collecting, displaying, and analyzing data, and experimental and theoretical probability that lead to data analysis, inferential reasoning, and real world applications for K-8 students.

EDMA 658 Technology for Teaching and Learning Mathematics 3 cr

78594 Sec JD1 Course Dates: 8/30 - 12/15 Throndsen, J
8/30 - 12/15 T 4:45p - 7:30p Distance Elive
Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-796-6082.
\$90 additional fee for section JD1

Prerequisite: Admission to a graduate program in the UAS School of Education.

Teachers gain the knowledge and skills to apply technology to help students understand mathematics content. Applications include visual manipulatives, calculators, spreadsheets, software tutors, web applications, modelling software, and GPS. Emphasizes how technology helps meet local, state, and national standards for mathematics. Provides practice instruction and assessment to intergrate technology into a problem-based constructivist mathematics curriculum.

EDRE:

EDRE 674 Developing Reading, ECE-12 3 cr

78596 Sec JD1 Course Dates: 8/30 - 12/15 Gonzales / Brooks
8/30 - 12/15 T 4:30p - 6:30p Distance Elive
Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or

www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6050.

\$90 additional fee for section JD1

78640 Sec JD2 Course Dates: 8/30 - 12/15 Gladhart, M
8/30 - 12/15 W 5:00p - 7:00p Distance Elive
Prerequisite: Village Teacher Cohort Students only. Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6050.

\$90 additional fee for section JD2

Prerequisite: EDRE S671 and admission to M.Ed. Reading program, or permission.

The reading process, emergent literacy and models for teaching reading are central themes in this course. Content includes theories of language development, research on language, cognition, and language systems as they relate to reading. Practicum work required in following term.

EDRE 677 Reading Instruction and Assessment II 3 cr

78597 Sec JD1 Course Dates: 8/30 - 12/15 Doyle, K
8/30 - 12/15 W 4:45p - 6:45p Distance Elive
Course meets online via Elluminate. Internet and email required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. Assessment materials will be mailed to students at start of term and must be returned to UAS within 10 days of term end, or a \$750 fee will be charged and a hold put on your account. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 907-976-6050.

\$105 additional fee for section JD1

Prerequisite: EDRE S676.

Assessment of reading, with a specific focus on the reading behaviors of individual students, and effective practices associated with developing those students' skills. Emphasis is on understanding reading difficulties, the analysis and use of reading assessments, the development of individual instructional plans, and communication of meaningful data to multiple audiences. Students will utilize multiple models of reading, and focus on those that contribute to variations in reading ability.

EDRE 678 Literature and Reading: Supporting Readers at All Levels 3 cr

78641 Sec JD1 Course Dates: 8/30 - 12/15 Boss, S
8/30 - 12/15 R 4:30p - 6:30p Distance Elive
Prerequisite: Village Teacher Cohort Students only. Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at bookstore.mbsdirect.net/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6050.

\$90 additional fee for section JD1

Participants read, analyze and design ways to use a wide variety of literature to support readers at all levels. Includes literary analysis; studies in genre, multicultural and Alaskan literature; Alaska Standards for Culturally Responsive Schools; fostering appreciation and response to literature and motivating readers at all levels.

EDRE 679 Reading and Literacy in the Content Areas 3 cr

78598 Sec JD1 Course Dates: 8/30 - 12/15 Schoenberger, L
8/30 - 12/15 T 4:45p - 6:45p Distance Elive

Prerequisite: Certified teachers only. Course meets online via Elluminate. Internet and email required. Access this course from UAS-Online at uas.alaska.edu/online. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. Order books from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. For more additional information call 907-796-6050.

\$90 additional fee for section JD1

Covers strategies that support literacy in the content areas and disciplines. Also focuses on the interrelated processes of writing, reading, listening and speaking in literacy development. Includes the use of technology as a tool to enhance content area literacy. Explores the role of teacher as researcher.

EDSE: Education: Special Education

EDSE 482 Inclusive Education for Students with Disabilities 3 cr

78642 Sec JD1 Course Dates: 8/30 - 12/15 Andrews, S
8/30 - 12/15 Distance Web
Delivered:

\$90 additional fee for section JD1

Internet, e-mail and DVD required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. For more information call 907-796-6533.

EDSE 609 Classroom Management and Child Guidance in ECE 3 cr

78643 Sec JD1 Course Dates: 8/30 - 12/15 Wray, S
9/10 - 12/15 M 5:30p - 8:00p Distance Elive

Course meets online via Elluminate. Internet, e-mail, and DVD required. Access the course from UAS-Online at uas.alaska.edu/online. Postings and on-line discussions will be through the course site. Order books from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6533.

\$90 additional fee for section JD1

Guidance and management practices based on multiple aspects of typical and atypical child development; current research and theories of child development; using developmentally effective approaches to connect with children and families; techniques to support trust building and promote healthy, respectful, supportive, and challenging learning environments for young children with and without exceptional learning needs. 25 hours lab required. Grade of B or better required for degree program.

EDSE 610 Assessment of Students with Disabilities 3 cr

78645 Sec JD1 Course Dates: 8/30 - 12/15 Burkert, J
8/30 - 12/15 M 5:30p - 8:00p Distance Audio

Audio call: 1800-570-3591 pin 7797550 Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. or call 1-800-325-3252. Order books from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.

\$90 additional fee for section JD1

78646 Sec JD2 Course Dates: 8/30 - 12/15 Burkert, J
8/30 - 12/15 R 5:30p - 8:00p Distance Audio

Audio call: 1800-570-3591 pin 7797550 Internet and e-mail. Access this course from UAS-Online at uas.alaska.edu/online. or call 1-800-325-3252. Order books from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. For more information call 1-907-796-6424 or 1-866-465-6424 toll-free.
\$90 additional fee for section JD2

Use of assessment information in making eligibility, program, and placement decisions for individuals with exceptional learning needs, including those from culturally and/or linguistically diverse backgrounds; basic terminology used in assessment; administration, and interpretation of nonbiased formal and informal assessments; screening, pre-referral, referral, and classification procedures; use and limitations of assessment instruments. Requires Internet access.

EDSE 612 Curriculum and Strategies I: Low Incidence 3 cr

78647 Sec JD1 Course Dates: 8/30 - 12/15 Thomas, A
8/30 - 12/15 T 5:30p - 8:00p Distance Elive

Course meets online via Elluminate. Internet, e-mail and DVD required. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 1-907-796-6533. Order books from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6533.

\$90 additional fee for section JD1

Evidence-based strategies to individualize instruction for students with low incidence disabilities; the development and implementation of Individual Education Programs for students with intensive needs. Emphasizes functional academics and self help skills. Requires Internet access.

EDSE 677 Language & Literacy: Assessment & Intervention 3 cr

78649 Sec JD1 Course Dates: 8/30 - 12/15 Andrews, S
8/30 - 12/15 Distance Web
Delivered:

Course meets online via Elluminate. Internet, e-mail and DVD required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/uwalaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6533.

\$90 additional fee for section JD1

Use of assessment information in designing language and literacy instruction for individuals with exceptional learning needs, including those from culturally and/or linguistically diverse backgrounds; evidence-based strategies to teach accuracy, fluency, and comprehension in content area reading and written language; alternative and augmentative communication systems. Requires Internet access.

EDSE 685 Transition Planning for Secondary Students 3 cr

80225 Sec JD1 Course Dates: 8/30 - 12/15 Burkert, J
8/30 - 12/15 Distance Web
Delivered:

\$90 additional fee for section JD1

Concepts, strategies, and issues involved with supporting secondary students with exceptional learning needs as they transition from high school to other educational, vocational, residential, and/or community contexts. Emphasizes the development and implementation of the transition components of the Individual Education Program. Requires Internet access.

EDSE 692 Seminar in Special Education: Secondary Research Methods 3 cr

78650 Sec JD1 Course Dates: 8/30 - 12/15 Burkert, J
8/30 - 12/15 T 5:30p - 8:00p Distance Audio
Audio: call 1-800-570-3591, pin 7797550. Internet, e-mail and DVD required. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 907-796-6533.
\$90 additional fee for section JD1

78651 Sec JD2 Course Dates: 8/30 - 12/15 Burkert, J
8/30 - 12/15 W 5:30p - 8:00p Distance Audio
Audio: call 1-800-570-3591, pin 7797550. Internet, e-mail and DVD required. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 907-796-6533.
\$90 additional fee for section JD2

For course content description contact Dr. Thomas Duke or Linda Smith, 907-796-6533. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252.

EDSE 694 Special Education Practicum 3 cr

78652 Sec JD1 Course Dates: 8/30 - 12/15 Burkert, J
8/30 - 12/15 Distance Web
Delivered:
Choose this course if your Practicum placement is in Juneau. Internet, e-mail and DVD required. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 1-907-796-6533.
\$120 additional fee for section JD1

78653 Sec JD2 Course Dates: 8/30 - 12/15 Burkert, J
8/30 - 12/15 Distance Web
Delivered:
Choose this course if your Practicum placement is not in Juneau. Internet, e-mail and DVD required. Access this course from UAS-Online at uas.alaska.edu/online. For more information call 1-907-796-6533.
\$440 additional fee for section JD2

Prerequisite: Admission to a graduate program in special education, and advisor or instructor approval. Must be taken concurrently with EDSE 695.

Pass/Fail grading.

Field-based experiences in diverse school settings and affiliated programs designing and implementing instruction for individuals with exceptional learning needs under the guidance of experienced special educators and university faculty. Internet access required.

EDSE 695 Professional and Ethical Practice 3 cr

78654 Sec JD1 Course Dates: 8/30 - 12/15 Thomas, A
8/30 - 12/15 R 5:30p - 8:00p Distance Elive
Course meets online via Elluminate. Internet, e-mail and DVD required. Access this course from UAS-Online at uas.alaska.edu/online. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk prior to the start of class for a tutorial. For more information call 1-907-796-6533.
\$90 additional fee for section JD1

Prerequisite: Admission to a graduate program in special education, and advisor or instructor approval. Must be taken concurrently with EDSE 694.

Candidates use the Exceptional Children (CEC) Special Education Standards, UAS School of Education Goals, and Alaska Teacher Standards to engage in systematic reflection on their work with individuals with exceptional learning needs. Internet access required.

ENGL: English

ENGL 092 Improving Writing Skills 4 cr

77456 Sec J01 Course Dates: 8/30 - 12/15 Hayes, E
8/30 - 12/15 M,W,F 10:20a - 11:40a EG 225
\$35 additional fee for section J01

77457 Sec J02 Course Dates: 8/30 - 12/15 Minton, S
8/30 - 12/15 M,W 1:15p - 3:15p EG 223
\$35 additional fee for section J02

77458 Sec J03 Course Dates: 8/30 - 12/15 Mitchell, K
8/30 - 12/15 T,R 3:00p - 5:00p EG 225
\$35 additional fee for section J03

78632 Sec K01 Course Dates: 8/30 - 12/15 Robbins, E
8/30 - 12/15 M,W 10:00a - 12:00p PAUL 515

78903 Sec TD1 Course Dates: 8/30 - 12/15 Boydston, P
8/30 - 12/15 T,R 5:00p - 7:00p SC 120
8/30 - 12/15 T,R 5:00p - 7:00p SITKA Audio
Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order book from MBS Direct.
\$40 additional fee for section TD1

Prerequisite: English placement test.

Students will study writing as a process of composition and communication, and will write short essays directed at a variety of audiences. Review of basic grammar, mechanics, and usage will receive special attention. Reading strategies will be discussed and students will be encouraged to read interactively.

ENGL 093P ST: Strengthening Reading Skills 1 cr

77459 Sec J01 Course Dates: 8/30 - 12/15 Minton, S
8/30 - 12/15 -
To begin class, contact instructor at sminton@uas.alaska.edu.

Pass/Fail grading.

Helps adult students raise their reading skills to an average level to improve academic performance and success. Requires 30 hours working on a computerized reading program. Course is self-paced, and the student signs a contract to begin the program. Failure to adhere to the requirements will result in a failing grade for the class.

ENGL 110 Introduction to College Writing 4 cr

77463 Sec J01 Course Dates: 8/30 - 12/15 Hayes, E
8/30 - 12/15 M,W 1:15p - 3:15p EG 224
\$35 additional fee for section J01

77464 Sec J02 Course Dates: 8/30 - 12/15 Minton, S
8/30 - 12/15 M,W,F 10:20a - 11:40a EG 224
\$35 additional fee for section J02

77465 Sec J03 Course Dates: 8/30 - 12/15 Manning, K
8/30 - 12/15 T,R 5:30p - 7:30p EG 223
\$35 additional fee for section J03

77466 Sec J04 Course Dates: 8/30 - 12/15 Burton, S
8/30 - 12/15 T,R 3:00p - 5:00p EG 108
\$35 additional fee for section J04

78655 Sec KD1 Course Dates: 8/30 - 12/15 Parrott, K
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/u/alaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

78656 Sec K01 Course Dates: 8/30 - 12/15 Landis, R
 8/30 - 12/15 T,R 12:00p - 1:30p PAUL 305
 \$40 additional fee for section K01

80387 Sec KD2 Course Dates: 8/30 - 12/15 Parrott, K
 8/30 - 12/15 Distance Web
 Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uasalaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
 \$40 additional fee for section KD2

Prerequisite: ENGL S092 (C or higher) or placement test.

Focuses on the basics of writing, including control of basic grammar and punctuation. Through frequent writing and revision, students develop a portfolio of essays that is submitted to a review panel for assessment at mid-term and at the end of the semester. This course does not satisfy the GER communication requirement.

ENGL 111 Methods of Written Communication 3 cr

77468 Sec J01 Course Dates: 8/30 - 12/15 Maier, K
 8/30 - 12/15 T,R 3:00p - 4:30p EG 223
 \$25 additional fee for section J01

77469 Sec J02 Course Dates: 8/30 - 12/15 Perry li, J
 8/30 - 12/15 M,W 3:30p - 5:00p EG 224
 \$25 additional fee for section J02

77470 Sec J03 Course Dates: 8/30 - 12/15 Ray, S
 8/30 - 12/15 T,R 1:15p - 2:45p EG 224
 \$25 additional fee for section J03

77471 Sec J04 Course Dates: 8/30 - 12/15 Minton, S
 8/30 - 12/15 T,R 9:45a - 11:15a EG 223
 \$25 additional fee for section J04

77472 Sec J05 Course Dates: 8/30 - 12/15 Perry li, J
 8/30 - 12/15 M,W 5:30p - 7:00p EG 109
 \$25 additional fee for section J05

78657 Sec K01 Course Dates: 8/30 - 12/15 Allen, D
 8/30 - 12/15 W 1:30p - 4:20p PAUL 305

78914 Sec T01 Course Dates: 8/30 - 12/15 Hammons, G
 8/30 - 12/15 R 12:10p - 1:40p SC 205
 Course stacked with ENGL S11-TD3.

78915 Sec TD1 Course Dates: 8/30 - 12/15 Hammons, G
 8/30 - 12/15 R 2:45p - 4:15p Distance Elive
 Students participate in real time online meetings as scheduled. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.
 \$40 additional fee for section TD1

78916 Sec TD2 Course Dates: 8/30 - 12/15 Mckenzie, E
 8/30 - 12/15 Distance Web
 Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.
 \$40 additional fee for section TD2

79361 Sec T02 Course Dates: 8/30 - 12/15 Hammons, G
 8/30 - 12/15 R 2:45p - 4:15p SC 205

79781 Sec TD3 Course Dates: 8/30 - 12/15 Hammons, G
 8/30 - 12/15 R 12:10p - 1:40p Distance Elive
 Students participate in real time online meetings as scheduled. Go to www.uas.alaska.edu/sitka/start/ to get started in your distance class. Order books from MBS Direct. *Class is stacked

with ENGL S111-T01.

\$40 additional fee for section TD3

80053 Sec TD4 Course Dates: 8/30 - 12/15 Hammons, G
 8/30 - 12/15 Distance Web
 Delivered:

\$40 additional fee for section TD4

80374 Sec J06 Course Dates: 8/30 - 12/15 Griffin, D
 8/30 - 12/15 T,R 5:30p - 7:00p EG 224
 \$25 additional fee for section J06

Prerequisite: ENGL 110 (C or higher) or placement test.

Instruction in techniques of essay organization and development, research, and analytical reading and writing. A critical analysis and research paper are required.

ENGL 211 Intermediate Composition: Writing About Literature 3 cr

77474 Sec J01 Course Dates: 8/30 - 12/15 Burton, S
 8/30 - 12/15 T,R 11:30a - 1:00p EG 224
 \$25 additional fee for section J01

77475 Sec J02 Course Dates: 8/30 - 12/15 Mitchell, K
 8/30 - 12/15 T,R 8:00a - 9:30a EG 224
 \$25 additional fee for section J02

77476 Sec J03 Course Dates: 8/30 - 12/15 Wall, E
 8/30 - 12/15 M,W 3:30p - 5:00p EG 223
 \$25 additional fee for section J03

77527 Sec J04 Course Dates: 8/30 - 12/15 Chordas, N
 8/30 - 12/15 T,R 9:45a - 11:15a EG 224
 \$25 additional fee for section J04

78658 Sec KD1 Course Dates: 8/30 - 12/15 Whalen, T
 8/30 - 12/15 T,R 3:00p - 4:20p Distance Elive
 Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-55-6177 with questions or for registration information.
 \$40 additional fee for section KD1

Prerequisite: ENGL S111 (C or higher) or placement test.

This course focuses on exploring, understanding, and appreciating literature, which will generate analytical student writing. Students write analyses of at least three works from the various genres (poetry, short fiction, drama, and novel or film). Traditional literary research among critical sources leads to at least one research paper.

ENGL 212 Technical Writing 3 cr

78660 Sec KD1 Course Dates: 8/30 - 12/15 Montgomery, D
 8/30 - 12/15 Distance Web
 Delivered:

Delivered via web. Requires access to internet, email and MSWord. Microphone/headset is optional, but will allow student to communicate during optional online meetings. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
 \$40 additional fee for section KD1

78856 Sec J01 Course Dates: 8/30 - 12/15 Enge, C
 8/30 - 12/15 T 6:00p - 9:00p EG 108
 \$30 additional fee for section J01

79514 Sec KD2 Course Dates: 8/30 - 12/15 Montgomery, D
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Microphone/headset is optional, but will allow student to communicate during optional online meetings. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/u/alaska.htm> for book information. Call 1-888-550-5177 with questions or for registration information.
\$40 additional fee for section KD2

Prerequisite: ENGL S111 (C or higher).

Composition of professional correspondence and technical reports. A broad range of college and career writing skills including audience analysis, readability and effective style. Significant critical reading and major investigative report required.

ENGL 224 Survey of British Literature II 3 cr
77576 Sec J01 Course Dates: 8/30 - 12/15 Neely, S
8/30 - 12/15 M,W 9:45a - 11:15a HB 205
\$25 additional fee for section J01

Prerequisite: ENGL S111 (C or higher) or concurrent enrollment.

Analysis and interpretation of selected writings from the Romantic period to the present.

ENGL 261 Introduction to Creative Writing 3 cr
77478 Sec J01 Course Dates: 8/30 - 12/15 Hayes, E
8/30 - 12/15 T,R 11:30a - 1:00p EG 113
\$25 additional fee for section J01

78917 Sec TD1 Course Dates: 8/30 - 12/15 Mckenzie, E
8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.
\$40 additional fee for section TD1

Prerequisite: ENGL 211 (C or higher) or instructor permission.

Introduction to the study and practice of writing original works of fiction and poetry. Writing techniques are explored through class discussion, study of established writers, and participation in writing workshops.

ENGL 311 Advanced Composition 3 cr
77480 Sec JD1 Course Dates: 8/30 - 12/15 Wall, E
8/30 - 12/15 Distance Web
Delivered:

Distance Web. Requires reliable access to Internet and e-mail. Access course site at uas.alaska.edu/online for class information, and edit personal profile. Order books from MBS at direct.mbsbooks.com/u/alaska.htm, or call 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 in Juneau, or toll-free 1-877-465-4827x6163.

\$100 additional fee for section JD1

Prerequisite: ENGL S211 (C or higher) and upper division standing, or instructor permission.

Advanced principles of expository prose for academic purposes with some work on fiction and poetry. Elements of rhetoric, style, grammar, paraphrasing, and research documentation. Students will participate in a writing workshop approach: writing, responding, revising, editing and publishing frequently. Successful completion of the course involves a portfolio review by a panel of readers.

ENGL 330 Shakespeare 3 cr
77605 Sec J01 Course Dates: 8/30 - 12/15 Chordas, N
8/30 - 12/15 W 5:30p - 8:30p EG 225
\$25 additional fee for section J01

Prerequisite: ENGL 211 (C or higher) and upper division standing, or instructor permission.

Provides an introduction to the plays and poetry of William Shakespeare.

ENGL 362 Memoir Writing 3 cr
79334 Sec TD1 Course Dates: 8/30 - 12/15 Mckenzie, E
8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.

\$75 additional fee for section TD1

Prerequisite: ENGL S261 (C or higher) and upper-division standing, or instructor permission.

Study and practice in the techniques of memoir writing, explored through class discussion, study of literary models, and participation in writing workshops.

ENGL 363 Nature Writing 3 cr
77606 Sec J01 Course Dates: 8/30 - 12/15 Maier, K
8/30 - 12/15 T,R 1:15p - 2:45p EG 114
\$25 additional fee for section J01

Prerequisite: ENGL S261 (C or higher) and upper-division standing, or instructor permission.

Study and practice in the techniques of nature writing. Writing techniques will be explored through class discussion, study of literacy models, and participation in writing workshops. Classroom instruction may be supplemented by short excursions into the outdoors.

ENGL 418 Advanced Themes in Literature: Fugitive Thought: Literature and Philosophy Born of the Prison 3 cr
77483 Sec J01 Course Dates: 8/30 - 12/15 Neely, S
8/30 - 12/15 T 5:30p - 8:30p EG 225
\$25 additional fee for section J01

Prerequisite: ENGL S211.

We will look at culturally significant literature and philosophy born of the prison as a privileged perspective from which to open postsecular mediations on questions of justice, hope, resistance, redemption, and ethics. Reading includes works by Michel Foucault, Fyodor Dostoyevsky, Primo Levi, Emmanuel Levinas, Vaclav Havel, Angela Davis, Leonard Peltier, and more.

ENGL 420 Genre Studies: Environmental Film 3 cr
77607 Sec J01 Course Dates: 8/30 - 12/15 Ray, S
9/13 - 12/15 R 5:30p - 7:30p EG 112
8/30 - 12/15 M,W 11:30a - 1:00p EG 223

Required film screenings are held on alternate weeks, with some variance. See syllabus or contact instructor for exact dates. On weeks films are viewed, the Wednesday lecture will not be held. The Monday lecture meets every week.

\$25 additional fee for section J01

Prerequisite: ENGL S211.

The genre of environmental film is now arguably the way the American public becomes aware of environmental concerns. We will explore the intersection of environment and media, asking: how is the environment represented in film, and how does the film medium shape our views about the environment? A variety of films will be screened every other Thursday evening with a focus on environmental justice themes such as toxicity, corporate and political power, colonialism, and identity.

ENGL 422 The Victorian Gothic: Goblins, Governesses and Ghosts 3 cr

78706 Sec KD1 Course Dates: 8/30 - 12/15 Landis, R
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information. \$75 additional fee for section KD1

Prerequisite: ENGL S211.

At a time when Twilight, True Blood, and other vampire-themed stories pervade pop culture, it is worth asking "where was this tradition spawned?" Undead monsters only tell half the story, as Gothic novels and poetry of the nineteenth century generated two separate streams of literature: one that has become the contemporary "Harlequin romance," and the other a horror movie. This course will explore in-depth the way Gothic figurings saturate at least one work of nearly every major author of the greater nineteenth century. Students will read Mary Shelley's Frankenstein, Charlotte Bronte's Jane Eyre, Henry James' The Turn of the Screw, and Bram Stoker's Dracula, as well as major poems by Edgar Allan Poe and Christina Rossetti.

ENGL 423 Ecocriticism 3 cr

77608 Sec J01 Course Dates: 8/30 - 12/15 Ray, S
8/30 - 12/15 T,R 3:00p - 4:30p EG 114

\$25 additional fee for section J01

Prerequisite: ENGL S211.

An introduction to the theory and practice of ecocriticism. Readings will include the history and theory of environmental literature as well as research in the interdisciplinary fields of environmental philosophy and ecofeminism. Emphasis will be placed on exploring the interplay of human culture with nature in literary texts.

ENGL 461 Dancing With our Skeletons 3 cr

78709 Sec KD1 Course Dates: 8/30 - 12/15 Whalen, T
8/30 - 12/15 T,R 12:00p - 1:20p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uualaska/htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$75 additional fee for section KD1

Prerequisite: ENGL 261 (C or higher) and upper-division standing, or instructor permission.

We will focus our writing on the ways our narrators, speakers, personages, or characters bury and/or dig up the often unpleasant residue of adversity. Through this creative work, we will explore what it means to be human in the diverse ways one may suffer, cope, and/or heal.

ENGL 461 Advanced Creative Writing: Eat, Drink, Write: Writing Stories and Poems About Food 3 cr

77485 Sec J01 Course Dates: 8/30 - 12/15 Wall, E
9/10 - 12/15 M 5:30p - 8:30p EG 114

\$25 additional fee for section J01

Prerequisite: ENGL 261 (C or higher) and upper-division standing, or instructor permission.

Can a cookbook be literature? Could we fillet a salmon in a poem? We'll explore some of these questions in this workshop. There is a long and

rich tradition of writers using food as a starting place, a central metaphor, or simply as a foundation for a book. We'll read a memoir from a former New York Times food critic, a novel that explores the culture of food, a cookbook about permission and forgiveness, and a delicious selection of poems that all take food as a central topic. Each class will devote part of the time to class exercises and the critiquing of student work.

ENGL 491 Internship 3 cr

80566 Sec J02 Course Dates: 8/30 - 12/15 Maier, K
8/30 - 12/15 - ARR

Prerequisite: Admission to an English degree program, senior standing, and permission of the student's advisor via instructor approval form. Pass/Fail grading.

The English internship program provides students with an opportunity to gain experience working in a language-based field of employment (e.g., journalism, teaching, public relations, research, or editing).

ENGL 491 Internship 3 cr

80810 Sec J03 Course Dates: 8/30 - 12/15 Chordas, N
8/30 - 12/15 - ARR

Prerequisite: Admission to an English degree program, senior standing, and permission of the student's advisor via instructor approval form. Pass/Fail grading.

The English internship program provides students with an opportunity to gain experience working in a language-based field of employment (e.g., journalism, teaching, public relations, research, or editing).

ENGL 491 Internship 3 cr

77487 Sec J01 Course Dates: 8/30 - 12/15 Wall, E
8/30 - 12/15 - ARR

Variable credits 1-4, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements.

Prerequisite: Admission to an English degree program, senior standing, and permission of the student's advisor via instructor approval form.

The English internship program provides students with an opportunity to gain experience working in a language-based field of employment (e.g., journalism, teaching, public relations, research, or editing).

ENGL 497 IS: Environmtl Culture Studies 3 cr

81045 Sec J02 Course Dates: 8/30 - 12/15 Ray, S
8/30 - 12/15 - ARR

ENGL 497 IS: Poetry Writing & Revision 3 cr

80565 Sec J01 Course Dates: 8/30 - 12/15 Wall, E
8/30 - 12/15 - ARR

Pass/Fail grading.

ENGL 499 Thesis 3 cr

77488 Sec J01 Course Dates: 8/30 - 12/15 Krein, K
8/30 - 12/15 - ARR

Instructor approval form required. See your advisor or faculty to make arrangements. \$25 additional fee for section J01

Prerequisite: Admission to the B.A. in English program, or creative writing minor, senior standing, and instructor permission. Pass/Fail grading.

Independent thesis or project in the student's area of interest as approved by the student's advisor. The thesis will be presented to and evaluated by panel to be determined by the English department.

ENGR: Engineering

ENGR 151 Engineering Practices I **3 cr**
78075 Sec J01 Course Dates: 8/30 - 12/15 Sowa, L
8/30 - 12/15 T 1:10p - 4:10p HB 105
8/30 - 12/15 M,W 10:20a - 11:20a HB 110

Prerequisite: MATH 108 (C or higher) or placement into MATH S200.

Provides an overview of the engineering profession and the fundamental tools for practicing engineering. Presents the basic skills required of engineers including an introduction to analytical problem solving and the design process, descriptive geometry and presentation of engineering calculations, engineering mechanics, electrical circuits, thermodynamics, and data analysis through graphing.

ENVS: Environmental Science

ENVS 102 Earth and Environment **4 cr**
78076 Sec J01 Course Dates: 8/30 - 12/15 Hood, E
8/30 - 12/15 M,W,F 12:00p - 1:00p HB 110
9/6 - 12/15 R 9:00a - 12:00p HB 110
\$50 additional fee for section J01
78077 Sec J02 Course Dates: 8/30 - 12/15 Hood, E
9/6 - 12/15 R 1:15p - 4:15p HB 110
8/30 - 12/15 M,W,F 12:00p - 1:00p HB 110
\$50 additional fee for section J02

Corequisite: MATH S105.

This course examines the atmospheric, hydrospheric, lithospheric, and oceanic systems that define the environment; the interactions among these systems; energy as an environmental parameter; and the effects of physical systems on the biosphere. The labs focus on measurement and description of the environment using methods from meteorology, hydrology, and earth science. Global Positioning Systems and other relevant field techniques are introduced.

ENVS 111 Introduction to Differential GPS **1 cr**
78078 Sec J01 Course Dates: 9/22 - 9/23 Smikrud, K
9/22 - 9/23 U,S 8:00a - 4:15p HB 110
Final DTS project due by Oct 31, 2011.
\$25 additional fee for section J01

An overview of the Global Positioning System; the development of a data dictionary; data acquisition using differential GPS; and integrating GPS data into environmental applications.

ENVS 338 Introduction to GIS **3 cr**
78079 Sec J01 Course Dates: 8/30 - 12/15 Simonson, B
8/30 - 12/15 T 5:15p - 8:15p HB 110
8/30 - 12/15 R 5:15p - 7:15p HB 110
\$75 additional fee for section J01

Examines the representation of spatial data with vector object models, explores the relationship between spatial data and automated thematic mapping, and trains students in the use of GIS software.

ENVS 491 Internship: **1 - 4 cr**
78081 Sec J01 Course Dates: 8/30 - 12/15
8/30 - 12/15 - ARR

Prerequisite: Upper division standing and signed independent study form.

Part-time work in an approved science agency where the student is supervised by a senior employee of the agency in cooperation with the faculty advisor.

ENVS 498 Research in Environmental Science **1 - 6 cr**
78082 Sec J01 Course Dates: 8/30 - 12/15
8/30 - 12/15 - ARR

Available for 1 to 4 credits, to be determined at time of registration.

Instructor Approval Form required in order to register.

Individual research in the environmental sciences undertaken by a student in consultation with a member of the ENVS faculty. Student may submit research ideas, and with faculty input, develop them into a project. Requires consent of advisor and appropriate faculty sponsor, signed study contract, and instructor approval form.

FISH: Fisheries

FISH 101 Introduction to Fisheries **3 cr**
74441 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 T,R 9:45a - 11:15a LENA 103

This course surveys principles and fields of study that fisheries resource professionals use as a guide in their careers, including basic concepts associated with fish biology and fisheries management and the application of these concepts to solve complex fisheries problems. The course explores contemporary fisheries resource issues within and beyond Alaska's borders, human values associated with fish management and conservation, and the importance of fish resources for the world's economies and cultures.

FISH 290 Fisheries Internship **1 cr**
74135 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 -
76901 Sec FJ2 Course Dates: 8/30 - 12/15
8/30 - 12/15 -

Prerequisites: Permission of the Fisheries Experiential Learning Coordinator/instructor; a student internship agreement form turned into the Experiential Learning Coordinator. Recommended: STAT F200X. Pass/Fail grading.

Under the supervision of a fisheries professional, students gain practical, professional experience through employment. Can be repeated up to four times, each for a different type of employment. The primary learning objectives for students are to gain professional experience in fisheries and refine career goals.

FISH 411 Human Dimensions of Environmental Systems **3 cr**
74442 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 T,R 11:30a - 1:00p LENA 103

Prerequisites: COMM F131X or F141X; ENGL F211X or F213X; F200-level course in cultural anthropology, human geography, sociology, or political science; or permission of instructor.

Study of human-environment relationships and applications to resource management. Draws on a range of social scientific approaches to the study of environmental systems, including: environmental anthropology, environmental history, historical ecology, political ecology, ethnoecology, property theory, and environmental justice.

FISH 427 Ichthyology **4 cr**
74444 Sec FJ1 Course Dates: 8/30 - 12/15 Mcphee, M
8/30 - 12/15 M 2:00p - 5:00p LENA
8/30 - 12/15 T,R 11:30a - 1:00p LENA 101

Prerequisites: BIOL F317.

Major groups of fishes, emphasizing fishes of northwestern North America. Classification structure, evolution, general biology and

importance to man.

FISH 490 Experiential Learning -- Fisheries Internship 1 cr

74145 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15

Prerequisites: Junior or senior standing plus permission of Faculty Sponsor and the Fisheries Experiential Learning Coordinator/instructor (the Coordinator can be a sponsor as well); signing of a student internship agreement form that contains learning objectives
Pass/Fail grading.

Under the supervision of a faculty member and a fisheries professional, upper-division students gain professional experience through employment. Requirements are decided prior to enrollment based on a 3-way agreement between the employer, student, and faculty member, which contains learning objectives that reflect upper-division credit. Can be repeated up to 4 times, each for a different type of employment.

FISH 492 SEM: Climate Change 1 cr

76902 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 W 1:00p - 2:00p LENA 101

FISH 621 Estimation of Fish Abundance 3 cr

74445 Sec FJ1 Course Dates: 8/30 - 12/15 Quinn li, T
8/30 - 12/15 T,R 2:00p - 3:30p LENA 212
8/30 - 12/15 F 11:45a - 2:45p LENA 212

Prerequisites: MATH F201X; STAT F401; familiarity with PC's including word processing and spreadsheets. Recommended: FISH F421; MATH F302; MATH F314.

Estimation of abundance of fish and other aquatic populations, using mark-recapture, line-transect, catch-effort and change-in-ratio techniques. Computer lab work and homework from actual and simulated populations.

FISH 654 Benthic Ecology 3 cr

76904 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 T,R 2:00p - 3:30p LENA 101
Offered Alternate Spring This course is taught in Juneau and Fairbanks.

Prerequisites: Invertebrate zoology course, marine biology course, or permission of instructor.

Ecology of marine benthos, from subtidal to hadal zone. Methods of collecting, sorting, narcotizing, preserving and analyzing benthic assemblages, including video analytical techniques from submersibles and ROV's. Hydrothermal vent and cold seep assemblages. Physiology/energetics of benthic organisms, including animal-sediment relationships, feeding, reproduction and growth. Depth, spatial and latitudinal distribution patterns.

FISH 672 Law and Fisheries 2 cr

76906 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 M 4:00p - 6:00p LENA 103

Prerequisites: graduate standing or permission of instructor.

This course introduces students to the key Federal, State and International laws that govern fisheries in Alaska state waters and in the US Exclusive Economic Zone off Alaska. In addition, the course introduces students to seminal court rulings that have helped shape those laws.

FISH 675 Political Ecology of the Oceans 3 cr

78793 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 W 3:00p - 6:00p LENA 301

Prerequisites: Graduate standing or permission of instructor.

Introduction to the field of political ecology in the marine sphere. Topics include the sociology of scientific knowledge, traditional and local ecological knowledge, politics of resource management, processes of marine enclosure, environmental values, marine conservation, environmental justice, and colonialism and economic development.

FISH 692 SEM: Climate Change 1 cr

74450 Sec FJ3 Course Dates: 8/30 - 12/15
8/30 - 12/15 W 1:00p - 2:00p LENA 101

Pass/Fail grading.

FISH 692 SEM: Marine Lipids 2 cr

76908 Sec FJ2 Course Dates: 8/30 - 12/15
8/30 - 12/15 M 12:00p - 2:00p LENA 212

Pass/Fail grading.

FISH 692 Seminar 1 cr

74448 Sec FJ1 Course Dates: 8/30 - 12/15 Quinn li, T
8/30 - 12/15 F 3:30p - 5:00p LENA 101

Pass/Fail grading.

FISH 693 Aquatic Food Web Ecology 3 cr

77309 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 W 1:00p - 4:00p LENA 212
8/30 - 12/15 M,W 10:30a - 11:30a LENA 212

FISH 699 Thesis - 12 cr

74454 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15

Pass/Fail grading.

FREN: French

FREN 101 Elementary French I 4 cr

77930 Sec JD1 Course Dates: 8/30 - 12/15 Meersman, M
8/30 - 12/15 Distance Web
Delivered:

Web Based. Requires computer with Pentium 2 or better processor, Internet and e-mail. Access UAS-Online at uas.alaska.edu/online for textbook and class information, and edit personal profile. Order books from MBS at direct.mbsbooks.com/ualaska.htm, or phone 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 in Juneau, or toll-free 1-877-465-4827 x6163.

\$65 additional fee for section JD1

77968 Sec J01 Course Dates: 8/30 - 12/15 Mondich, S
8/30 - 12/15 M,T,W,F 12:00p - 1:00p HB 206

\$25 additional fee for section J01

An introduction to the French language and culture with development of the four skills (listening, speaking, reading and writing) with comprehension. Emphasis on oral practice and basic grammatical structures.

FSN: Food Science & Nutrition

FSN 698 Research 1 - 6 cr

74455 Sec FK1 Course Dates: 8/30 - 12/15
8/30 - 12/15

Pass/Fail grading.

FT: Fisheries Tech

FT 093P ST: Intro AK Fish Career Pthwys 1 cr

80615 Sec KD1 Course Dates: 10/1 - 12/7 Seeland, J
10/1 - 12/7

This one-credit course combines distance-delivered career pathways instruction with onsite visits to various fisheries professionals. Local mentors will facilitate site visits and will regularly report to the instructor. Students will gain an overview of locally relevant fisheries professions and issues along with information to help them with a specific career.

FT 110 Fundamentals of Fisheries Oceanography 3 cr

78713 Sec KD1 Course Dates: 8/30 - 12/15 Sullivan, K
8/30 - 12/15 M 4:30p - 7:20p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

An overview of the ocean environment with emphasis on processes that support fisheries productivity. Introduces fundamental concepts and principles of oceanography including major geological, chemical, physical and processes that occur in the world's oceans. Concepts will be presented in light of the interrelatedness of these disciplines and how they shape marine productivity. Human uses of fisheries and current issues in oceanography will be addressed.

FT 120 Fisheries of Southeast Alaska 3 cr

78714 Sec KD1 Course Dates: 8/30 - 12/15 Seeland, J
8/30 - 12/15 W 4:30p - 7:20p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

The principles, concepts and techniques of fisheries management, enhancement and rehabilitation in Southeast Alaska are reviewed in terms of the biological, economics, social, and political aspects. Topics include overviews of Southeast Alaska fishing gear and geographical areas of salmon, herring, bottom and invertebrate fisheries; management methods; enhancement and rehabilitation techniques, data collection and usage.

FT 122 Fin Fish Culture I 3 cr

78715 Sec KD1 Course Dates: 8/30 - 12/15 Seeland, J
8/30 - 12/15 T 4:30p - 7:20p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to

first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

The first course of a two semester sequence which introduces students to the principles, concepts and methods used in the production of Pacific Salmon with an emphasis on modern fish culture techniques used by Alaskan producers. Addresses all aspects of fry and smolt production. Topics include water quality, brood stock management, egg collection and incubation, egg and live fish transport, fresh and saltwater rearing techniques, feeding practices, growth, record keeping and fish health management.

FT 193P Applied Geoduck Biology for Farmers/Harvesters 1 cr

78717 Sec K02 Course Dates: 8/30 - 12/15

Pass/Fail grading.

This short class will provide an applied overview of geoduck biology and ecology with emphasis placed on parameters important to geoduck farming and harvesting. Students will learn general anatomy through dissection, habitat requirements and preferences and growth parameters.

FT 193P ST: Salmon Culture Tech Lab 2 cr

78716 Sec K01 Course Dates: 11/5 - 11/9 Seeland, J
11/5 - 11/9 M,T,W,R,F 8:00a - 5:00p SITKA

This course will be based at the Sheldon Jackson Hatchery which is located in the Sitka Sound Science Center. Students will spend one full day at the Medvejie Hatchery.

\$70 additional fee for section K01

Pass/Fail grading.

This hands-on class will allow students to practice hatchery and salmon culture techniques commonly utilized in salmon production facilities in Alaska. It will allow students the opportunity to learn more about career paths in fisheries and aquaculture and to interact with professionals in salmon culture careers.

FT 272 Fisheries Management, Law and Economics 3 cr

78720 Sec KD1 Course Dates: 8/30 - 12/15 Sullivan, K
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

Prerequisite: FT S120. Corequisite: ENGL S111 and either COMM S111 or COMM S235.

An overview of fishery management techniques, principles and concepts; state, federal and international laws that affect fisheries; and fundamentals of fishery economic principles. Emphasis on the biological, economic, social, and political aspects of fisheries management. Examples from the Pacific Northwest will be used to highlight management techniques.

FT 291 Fisheries Technology Internship 1 - 6 cr

78724 Sec K01 Course Dates: 8/30 - 12/15 Sullivan, K
8/30 - 12/15

Work in an approved fisheries agency or natural resource based industry with a fisheries emphasis. The student is to be supervised by a senior employee of the agency in cooperation with the faculty advisor.

GEOG: Geography

GEOG 101 Local Places, Global Regions: Introduction to Geography 3 cr

78727 Sec KD1 Course Dates: 8/30 - 12/15 Radzilowski, J
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information. \$40 additional fee for section KD1

79819 Sec KD2 Course Dates: 8/30 - 12/15 Radzilowski, J
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> or book information. Call 1-888-550-6177 with questions or for registration information. \$40 additional fee for section KD2

World regions; analysis of environment with emphasis on the major culture realms.

GEOG 102 Earth and Environment 4 cr

78084 Sec J01 Course Dates: 8/30 - 12/15 Hood, E
8/30 - 12/15 M,W,F 12:00p - 1:00p HB 110
9/6 - 12/15 R 9:00a - 12:00p HB 110
\$50 additional fee for section J01

78085 Sec J02 Course Dates: 8/30 - 12/15 Hood, E
9/6 - 12/15 R 1:15p - 4:15p HB 110
8/30 - 12/15 M,W,F 12:00p - 1:00p HB 110
\$50 additional fee for section J02

Corequisite: MATH S105.

This course examines the atmospheric, hydrospheric, lithospheric, and oceanic systems that define the environment; the interactions among these systems; energy as an environmental parameter; and the effects of physical systems on the biosphere. The labs focus on measurement and description of the environment using methods from meteorology, hydrology, and earth science. Global Positioning Systems and other relevant field techniques are introduced.

GEOG 111 Introduction to Differential GPS 1 cr

78086 Sec J01 Course Dates: 9/22 - 9/23 Smikrud, K
9/22 - 9/23 U,S 8:00a - 4:15p HB 110
Final DTS project due by Oct 31, 2011.
\$25 additional fee for section J01

An overview of the Global Positioning System; the development of a data dictionary; data acquisition using differential GPS; and integrating GPS data into environmental applications.

GEOG 338 Introduction to GIS 3 cr

78087 Sec J01 Course Dates: 8/30 - 12/15 Simonson, B
8/30 - 12/15 T 5:15p - 8:15p HB 110
8/30 - 12/15 R 5:15p - 7:15p HB 110
\$75 additional fee for section J01

Examines the representation of spatial data with vector object models,

explores the relationship between spatial data and automated thematic mapping, and trains students in the use of GIS software.

GEOL: Geology

GEOL 105 Geological History of Life 3 cr

78129 Sec J01 Course Dates: 8/30 - 12/15 Nagorski, S
8/30 - 12/15 T,R 9:45a - 11:15a EG 108
\$25 additional fee for section J01

78728 Sec KD1 Course Dates: 8/30 - 12/15 Donar, C
8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information. \$40 additional fee for section KD1

A survey of the evolution of life. Investigation of such topics as origin of the earth, origin of life, how did life evolve, how did continental drift affect the evolution of life, why did dinosaurs become extinct and were they really "hot blooded?"

GEOL 271 Earth Materials 4 cr

78132 Sec J01 Course Dates: 8/30 - 12/15 Connor, C
8/30 - 12/15 T,R 1:15p - 2:45p HB 201
8/30 - 12/15 F 10:30a - 1:30p HB 105
\$75 additional fee for section J01

Prerequisite: GEOL 104 and CHEM 105.

An introduction to identification of the major rock-forming, metal ore, carbonate and evaporite minerals and the rocks they form. Students learn theoretical and practical aspects of crystallography, mineralogy and petrology, and techniques to identify minerals and rocks in both the lab and the field. Includes aspects of mineral chemistry, physical properties, and the igneous, metamorphic, and sedimentary processes that create mineral and rock forming environments. Content is essential for earth science students and for scientists in environmental and health fields.

GEOL 302 Hydrology 4 cr

78130 Sec J01 Course Dates: 8/30 - 12/15 Hood, E
9/6 - 12/15 R 1:15p - 4:15p HB 105
8/30 - 12/15 M,W,F 9:10a - 10:10a HB 110
\$75 additional fee for section J01

Prerequisite: GEOL S104 or S205 and MATH S108.

An introduction to hydrology emphasizing physical processes and interactions between hydrological phenomena and human activities. Hydrological measurements, data analysis, quantitative descriptions, and field observations are fundamental to this course.

GEOL 310 Glaciation and Climate Change 3 cr

78134 Sec J01 Course Dates: 8/30 - 12/15 Connor, C
8/30 - 12/15 W 5:30p - 8:30p HB 110
9/10 - 12/15 M 5:30p - 7:30p HB 110
\$50 additional fee for section J01

Prerequisite: GEOL S104. Corequisite: MATH S200 and PHYS S104 or PHYS S212.

The formation and physics of glaciers, the landforms and depositional record they leave behind, the dynamics of tidewater glaciers and fjord sedimentation. The history of glacial environments from Alaska's Gulf

Coasts, Glacier Bay, and on the Juneau Icefield, will be examined for local glacial history. Climate proxy records such as polar ice cores, marine sediment records, glacial deposits, tree rings, and other data sets will be explored. Special emphasis on field work in the Mendenhall Valley to study its glacial history.

GEOL 493 Quaternary Geology of the Delta-Tok Pipeline Corridor Region 2 cr

78131 Sec J01 Course Dates: 8/29 - 11/30 Connor, C
 10/19 - 10/19 F 1:45p - 4:45p HB 105
 9/14 - 9/14 F 1:45p - 4:45p HB 105
 11/30 - 11/30 F 1:45p - 4:45p HB 105
 8/29 - 9/4, M, T, W, R, F, S 8:00a - 11:00p FIELD

Prerequisite: Up to 7 upper division Science or Anthropology (declared Majors) with valid Passports and Instructor Permission In addition to field trip. Students will take an AMHS ferry to Haines and travel by UAS van through southern BC and the Yukon, to Delta Junction, AK via the Haines, Alaska Highways. Alaska State survey geologists Trent Hubbard and Richard Reger will lead the field trip. The field portion of the course is supported by the Alaska Cell of the Friends of the Pleistocene. The course travel dates will depend on the ferry schedules. Students will complete the course by attending 3 follow-up class meetings throughout the semester. Students must be prepared to sleep in tents in campgrounds and help to prepare communal camp meals. This class meets over the Labor Day holiday.

\$50 additional fee for section J01

Students will visit interesting pillow basalt and columnar basaltic outcrops in the Haines area as well as evidence of outburst flooding, active faulting, and geologic hazards along the upper Chisana and Tanana Rivers and along the Tok-Slana Valleys. We will examine features related to glacial history, eolian processes, neotectonics, permafrost, and geologic hazards.

GOVT: Government

GOVT 101 Introduction to American Government 3 cr

78919 Sec T01 Course Dates: 8/30 - 12/15 Susky, A
 8/30 - 12/15 T, R 8:15a - 9:30a SC 215

Survey of American government, political processes and contemporary issues, focusing on national institutions. Distribution and uses of power and the role of political values and beliefs. The Constitution and federalism; interest groups, parties and elections; Congress, the Executive and the courts.

GOVT 102 Introduction to Political Science 3 cr

78337 Sec J01 Course Dates: 8/30 - 12/15 Wright, G
 8/30 - 12/15 M, W, F 10:20a - 11:20a HB 113
 \$25 additional fee for section J01

78729 Sec KD1 Course Dates: 8/30 - 12/15 Polanska, K
 8/30 - 12/15 Distance Web
 Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
 \$40 additional fee for section KD1

Survey of the political context of contemporary life, which treats the nature of the democratic state in the modern world and analyzes today's challenges to democracy. The character of the principle elements of modern states, their systems of public law, their politics, their institutions, their patterns of public administration, and their relations with one another.

GOVT 393 ST: Latin American Politics 3 cr

78336 Sec J01 Course Dates: 8/30 - 12/15 Wright, G
 8/30 - 12/15 M, W, F 1:10p - 2:10p EG 114
 \$25 additional fee for section J01

Prerequisite: GOVT S101 or GOVT S102 or instructor permission.

Latin America is now mostly democratic and nearly as wealthy per capita as many "developed" economies. The rapidly growing Latin economies have been barely dented by the economic crisis affecting the U.S. and Europe. At the same time, these countries still face substantial problems of inequality, corruption, and institutional weakness; some are among the poorest in the world. We will examine the political systems of these states and their economic, social, and political problems, reflecting on our own problems here in the U.S. Finally, we will explore U.S. foreign policy towards the region, with an eye to how our policies can be improved.

HIM: Health Information Management

HIM 111 Introduction to Health Information Management 3 cr

78920 Sec TD1 Course Dates: 8/30 - 12/15 Gordon / Dearborn
 8/30 - 12/15 W 5:00p - 5:59p Distance Elive

Web based, real time online meetings scheduled Wednesdays 5-6:15pm. Students must have access to a computer with a microphone, and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/ualaska.htm> and look or this course (HIM S111-TD1). Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. TINS - \$12.35

\$40 additional fee for section TD1

Co-requisite: HIM 135.

An overview of health care systems and the health health information management profession. Introduces data collection standards and data quality methods, forms design, patient record automation and control procedures, and health care statistics. Presents the uses of record content in reimbursement, risk management, and planning. Professional Practice Experience: Students use a virtual electronic health record environment to gain hands-on experience in the use of health information technology.

HIM 135 Medical Terminology 3 cr

78921 Sec TD1 Course Dates: 8/30 - 12/15 Dearborn, R
 8/30 - 12/15 T 5:00p - 5:59p Distance Elive

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.

\$40 additional fee for section TD1

Prerequisite: Placement at ENGL S110 or higher.

An introduction to root forms, prefixes and suffixes, and medical abbreviations. Focus is on terminology of body systems related to symptomatology, diseases and treatment.

HIM 181 HIM Emerging Technologies and Informatics 3 cr

78922 Sec TD1 Course Dates: 8/30 - 12/15 Goeden, R
 8/30 - 12/15 R 5:00p - 5:59p Distance Elive

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.

\$40 additional fee for section TD1

Introduces the use of electronic records and resources in today's health care environment. Presents an overview of automated health information management functions and emerging technologies. Examines the use of electronic health records and the impact of privacy and security concerns.

HIM 190 CPT Coding **3 cr**
 78923 Sec TD1 Course Dates: 8/30 - 12/15 Wade, M
 8/30 - 12/15 M 5:00p - 6:29p Distance Elive
 Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Students need to order textbook materials from American Medical Association. Information on materials is pending for updates, not available till June 1st. TINS - \$12.35
 \$52 additional fee for section TD1

Prerequisite: BIOL S111 and admission to HIM program or departmental permission. Corequisite: HIM S135 and BIOL S112.

Focus on HCPCS/CPT ambulatory care coding. Overview of fraud and abuse regulations as they pertain to coding and billing. Professional practice experience: observe coding and billing at an ambulatory care setting (minimum 6 hours).

HIM 251 Quality Improvement and Project Management **3 cr**
 79603 Sec TD1 Course Dates: 8/30 - 12/15 Kunemund, K
 8/30 - 12/15 W 6:00p - 7:00p Distance Elive
 Go to www.uas.alaska.edu/sitka/start to get started in your distance class. Order books from MBS Direct.
 \$40 additional fee for section TD1

Prerequisite: HIM S111 and admission to HIM program.

Introduction to total quality management and improvement including history, philosophy, definitions, and tools. Explores performance improvement through review of case studies, with an overview of the historical development of case management. Introduces project management as related to HIM and implementation of electronic health information.

HIM 272 Pathophysiology **4 cr**
 78925 Sec TD1 Course Dates: 8/30 - 12/15 Goeden, R
 8/30 - 12/15 T 5:00p - 6:29p Distance Elive
 Web based, online meetings. Students are required to attend the first online web meeting. Thereafter, students may choose to listen to recorded sessions on their own (with instructor permission), or participate in real time online meetings. Students must have access to a computer with a microphone, and the Internet. Contact with instructor via e-mail and the Internet. Additional information available at the course website: www.uas.alaska.edu/online or by calling toll free 800-478-6653. Order textbooks from MBS Direct: go to <http://direct.mbsbooks.com/u/alaska.htm> Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.
 \$40 additional fee for section TD1

Prerequisite: BIOL S111 and S112. Corequisite: HIM/HS S135 or permission.

Introduces basic concepts underlying various pathological processes. Students draw on their knowledge of normal anatomy and physiology to understand how pathogenesis of disease occurs. Discussion of diseases, diagnostic process testing, and treatment options. Introduces drug terminology, administration, toxicity, vocabulary, standards and references. This course may not meet requirements for nursing programs.

HIM 280 Health Care Management **3 cr**
 79784 Sec TD1 Course Dates: 8/30 - 12/15 Kunemund, K
 8/30 - 12/15 Distance Web
 Delivered:
 Go to www.uas.alaska.edu/sitka/start to get started in your

distance class.

\$40 additional fee for section TD1

Prerequisite: Completion of all lower level HIM courses. Corequisite: HIM S291

Concepts of management including management functions. A case study approach is employed to discuss responses to a variety of management functions through the use of guest speakers. Evaluation will be based on class participation, oral presentations, and completion of case studies.

HIM 285 Healthcare Privacy and Security **3 cr**
 79826 Sec TD1 Course Dates: 8/30 - 12/15 Goeden, R
 8/30 - 12/15 W 5:00p - 5:59p Distance Elive
 An in-depth review of federal and state regulations and laws pertaining to the privacy and security of Protected Health Information (PHI) in all formats (paper/electronic). Students will practice skills through a virtual electronic health record system. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.
 \$40 additional fee for section TD1

Prerequisite: HIM S240.

An in-depth review of federal and state regulations and laws pertaining to the privacy and security of Protected Health Information (PHI) in all formats (paper/electronic). Students will practice skills through a virtual electronic health record system.

HIM 291 Internship: Healthcare Management **2 cr**
 78927 Sec TD1 Course Dates: 8/30 - 12/15 Gordon, L
 8/30 - 12/15 R 5:00p - 5:59p SITKA
 \$12.35 Insurance Fee
 \$52 additional fee for section TD1

Prerequisite: HIM S280 (may be taken concurrently).

Eighty clock hours of professional internship in an assigned health care setting. Application of operational management theory for a health information service. Orientation to all aspects of practice as a health information manager. Completion of management projects designed jointly by student and clinical supervisor. Student writes project report and site evaluation.

HIST: History

HIST 105 World History I **3 cr**
 78316 Sec J01 Course Dates: 8/30 - 12/15 Walz, R
 8/30 - 12/15 M,W,F 9:10a - 10:10a EG 112
 \$25 additional fee for section J01
 78730 Sec KD1 Course Dates: 8/30 - 12/15 Radzilowski / Yamamoto
 8/30 - 12/15 Distance Web
 Delivered:
 Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/u/alaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
 \$40 additional fee for section KD1

79608 Sec KD2 Course Dates: 8/30 - 12/15 Radzilowski / Yamamoto
 8/30 - 12/15 Distance Web
 Delivered:
 Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to

<http://bookstore.mbsdirect.net/uialaska.htm> for book information.
Call 1-888-550-6177 with questions or for registration information.
\$40 additional fee for section KD2

Survey of the political, social, economic, and cultural history of the Near East, Asia, Europe, Mesoamerica and Africa, from antiquity to the 16th century.

HIST 131 History of the U.S. I **3 cr**

78317 Sec J01 Course Dates: 8/30 - 12/15 Noon, D
8/30 - 12/15 T,R 11:30a - 1:00p EG 225

\$25 additional fee for section J01

78731 Sec KD1 Course Dates: 8/30 - 12/15 Radzilowski / Yamamoto

8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
\$40 additional fee for section KD1

78732 Sec KD2 Course Dates: 8/30 - 12/15 Radzilowski / Yamamoto

8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
\$40 additional fee for section KD2

The discovery of America to 1865; colonial period, Revolution, formation of the Constitution, western expansion, Civil War.

HIST 300 Historiography and Historical Methods **3 cr**

78342 Sec J01 Course Dates: 8/30 - 12/15 Walz, R
8/30 - 12/15 T,R 1:15p - 2:45p EG 225

\$25 additional fee for section J01

Prerequisite: ENGL 111 and 12 credits in history.

Readings and discussions on the nature of history, historical study and writing, recent tendencies in historical scholarship, and methods of historical research.

HIST 375 Current Issues in History: Selected Topics **3 cr**

78738 Sec KD1 Course Dates: 8/30 - 12/15 Radzilowski, J
8/30 - 12/15 T 4:30p - 5:50p PAUL 303
8/30 - 12/15 T 4:30p - 5:50p Distance Elive

Delivered via web with required elive online meetings. Students in Ketchikan are expected to attend on campus. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
\$75 additional fee for section KD1

Prerequisite: ENGL S111 and six credits of History, or instructor permission.

Explores current issues concerning a historical method or topic in depth. Includes such fields as area studies, comparative history, cultural history, economic history, ethnic or gender studies, political or social history. May be repeated for credit providing the content differs.

HIST 375 Current Issues: Comparative Revolutions **3 cr**

78345 Sec J01 Course Dates: 8/30 - 12/15 Jones, Z
8/30 - 12/15 T 6:00p - 9:00p EG 220

\$25 additional fee for section J01

Prerequisite: ENGL S111 and six credits of History, or instructor permission.

Major revolutionary movements including the American, French, Russian, Mexican, and Chinese Revolutions, as well as the fall of Soviet control over East-Central Europe in 1989. We will examine their origins, processes, and paths into modern memory as iconic events of significance, and how these different revolutions built upon each other.

HIST 491 Internship Museum/Archives **3 cr**

80784 Sec J01 Course Dates: 8/30 - 12/15 Jones, Z
8/30 - 12/15 - ARR

HIST 492 Seminar: Pivotal Elections in American History **3 cr**

78321 Sec J01 Course Dates: 8/30 - 12/15 Noon, D
9/10 - 12/15 M 5:30p - 8:30p EG 225

\$25 additional fee for section J01

Prerequisite: ENGL 111, six credits of history, and upper division standing; or instructor permission.

Examines a group of important presidential elections in U.S. history, focusing not merely on the political struggles between candidates and parties but upon the wider social, cultural and economic ramifications of those contests. Key elections will include those of 1800, 1860, 1896, 1968, 1980, 2000 and 2008 among others.

HNRS: Honors

HNRS 293 ST: UAS Honors Program Orientation **1 cr**

78996 Sec J01 Course Dates: 8/30 - 12/15 Neely, S
8/30 - 12/15 R 3:00p - 4:00p HB 205

This orientation seminar will introduce interested students to the new UAS Honors Program. The seminar helps prepare students for more engaging academic work by introducing the opportunities and requirements of the Honors Program, establishing a cohort of supportive peers, promoting information literacy, identifying resource and scholarship opportunities, establishing personalized academic advising, and preparing students to make the most of their undergraduate efforts. Students do not need to be enrolled in the Honors Program to register for this class, but the class is required for successful completion of the UAS Honors Program.

HS: Health Science

HS 101 Introduction to Health Sciences **3 cr**

78928 Sec T01 Course Dates: 8/30 - 12/15 Gordon, L
8/30 - 12/15 T,R 8:00a - 9:40a SC 110

This local Sitka course is a stacked hybrid class with e-learning students. Local Sitka students will meet on campus. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your class.

78929 Sec TD1 Course Dates: 8/30 - 12/15 Gordon, L
8/30 - 12/15 T,R 8:00a - 9:40a Distance Elive

This course is a stacked hybrid class with local Sitka students. Students participate in real time online meetings as scheduled. Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your

distance class.

\$40 additional fee for section TD1

Provides a description of health care professions and the interdisciplinary team, job responsibilities, educational and licensing requirements, employment trends, and salary ranges for health related careers. Students will have an exposure to the history and development of health care in Alaska and the United States. Health care issues will be examined with an emphasis on ethics and cultural diversity. The principles of critical thinking will be introduced and communication skills will be promoted through collaborative discussion, presentation, and projects.

HS 102 Fundamentals of CPR and First Aid 1 cr

77581 Sec J01 Course Dates: 11/9 - 11/10 Kelly, S

11/9 - 11/10 F 5:00p - 9:30p RC 110

11/9 - 11/10 S 8:30a - 5:30p RC 110

\$25 additional fee for section J01

77582 Sec J02 Course Dates: 11/30 - 12/1 Kelly, S

11/30 - 12/1 F 5:00p - 9:30p RC 110

11/30 - 12/1 S 8:30a - 5:30p RC 110

\$25 additional fee for section J02

Basic CPR techniques and First Aid for controlling bleeding, shock, seizures, obstructed airway/choking, hot and cold-related emergencies, and diabetic crisis. Signs and symptoms of stroke and heart attack are reviewed, as is use of A.E.D. Safety and prevention practices are discussed. The course meets certification requirements for child care providers, outdoor guides, lifeguards, home health aides, group homes, and certified nurse aids. Course materials are derived from American Safety and Health Institute and American Heart Association guidelines.

HS 102 Fundamentals of CPR and First Aid 1 cr

77584 Sec TP2 Course Dates: 8/30 - 12/15 Carpenter, S

8/30 - 12/15 - OT Ketch

\$25 additional fee for section TP2

Basic CPR techniques and First Aid for controlling bleeding, shock, seizures, obstructed airway/choking, hot and cold-related emergencies, and diabetic crisis. Signs and symptoms of stroke and heart attack are reviewed, as is use of A.E.D. Safety and prevention practices are discussed. The course meets certification requirements for child care providers, outdoor guides, lifeguards, home health aides, group homes, and certified nurse aids. Course materials are derived from American Safety and Health Institute and American Heart Association guidelines.

HS 105 Certified Nurse Aide Training 9 cr

77587 Sec J01 Course Dates: 8/30 - 12/15 Urata, C

11/13 - 12/15 T,R 8:30a - 2:30p RC 208

8/30 - 10/25 T,R 8:30a - 2:30p RC 208

10/27 - 10/27 S 8:00a - 6:00p RC 208

10/30 - 11/10 T,R,S 6:30a - 2:30p WFCT

Prerequisite: Instructor approval and completed application are required. Pick-up and return completed applications to the Health Sciences Program Coordinator at (907) 796-6128 or e-mail eawilliams2@uas.alaska.edu. Completed applications include personal data, health screening form (including TB test), and criminal background check. Please note that clinical days will be from 6:30a to 2:30p.

\$550 additional fee for section J01

78739 Sec K01 Course Dates: 9/18 - 11/20 Withers, M

9/18 - 11/20 T,R 8:00a - 5:00p ROBT 111

Overview and orientation for course offered to interested students August 7 at noon OR August 8 at 5:30pm, or by appointment. English assessment may be required for acceptance. Pre-registration not available. Students are responsible for additional requirements and fees not included in the university tuition and fees. Registration is not complete until full payment is made.

Students must meet with UAS staff prior to first day of class to return completed packet.

\$619 additional fee for section K01

78930 Sec T01 Course Dates: 8/30 - 12/15 Austin, R

8/30 - 12/15 T 5:00p - 9:00p SC 121

Lab & CPR-\$150 Certification Fee-\$279 TNCF TINS-\$12.35

Additional Fees: Uniforms & Equipment-variable, textbooks \$95

A background check and proof of immunization will be due during the first class.

\$441 additional fee for section T01

Prerequisite: Instructor approval and completed application with criminal background check, health examination, current TB test and immunizations.

Trains students in basic skills needed to assist nurses and to be efficient health care team members. Successful students qualify to sit for the Alaska State Nurse Aide certification exam. Minimum 75 lecture hours and 80 lab/practicum hours.

HS 118 Emergency Trauma Technician First Responder 3 cr

80420 Sec T90 Course Dates: 8/27 - 12/19 Anderson, J

8/27 - 12/19 - OT Haines

\$90 additional fee for section T90

Designed specifically for Alaskan conditions and needs, addressing environmental problems such as hypothermia as well as first aid. Prepares students to deal with emergencies: ensure scene safety, provide patient care and transport, document incident. For non-medical workers in construction, logging, mining, law enforcement, ski patrol and other occupations where emergency care may be needed.

HS 118 Emergency Trauma Technician First Responder 3 cr

77588 Sec TP1 Course Dates: 8/30 - 12/15 Blattner, C

8/30 - 12/15 - JD Hs

\$75 additional fee for section TP1

Designed specifically for Alaskan conditions and needs, addressing environmental problems such as hypothermia as well as first aid. Prepares students to deal with emergencies: ensure scene safety, provide patient care and transport, document incident. For non-medical workers in construction, logging, mining, law enforcement, ski patrol and other occupations where emergency care may be needed.

HS 119 Emergency Medical Technician I 6 cr

77590 Sec J01 Course Dates: 8/30 - 12/15 Kelly, P

8/30 - 12/15 W 6:00p - 10:00p RC 208

8/30 - 12/15 S 8:00a - 4:30p RC 208

\$50 additional fee for section J01

Prerequisite: For this section only, the catalog prerequisite has been waived.

Training to provide assessment of and basic care for persons with medical emergency in pre-hospital settings. Conditions include acute trauma, pulmonary arrest, wounds, cardiac arrest, shock, fractures, and childbirth. Techniques are presented for lifting and moving the sick and injured. Course provides for State of Alaska EMS requirement of 120 contact hours, minimum.

HS 135 Medical Terminology 3 cr

77593 Sec J01 Course Dates: 8/30 - 12/15 Urata, C

8/30 - 12/15 M,W 3:30p - 5:00p EG 108

\$25 additional fee for section J01

Prerequisite: Placement at ENGL S110 or higher.

An introduction to root forms, prefixes and suffixes, and medical abbreviations. Focus is on terminology of body systems related to

symptomatology, diseases and treatment.

HS 135 Medical Terminology 3 cr
77594 Sec TP1 Course Dates: 8/30 - 12/15 Monagle, K
8/30 - 12/15 - JD Hs
\$75 additional fee for section TP1
77595 Sec TP2 Course Dates: 8/30 - 12/15 Carpenter, S
8/30 - 12/15 - OT Ketch
\$75 additional fee for section TP2

Prerequisite: Placement at ENGL S110 or higher.

An introduction to root forms, prefixes and suffixes, and medical abbreviations. Focus is on terminology of body systems related to symptomatology, diseases and treatment.

HS 193P ST:Phlebotomy 6 cr
80644 Sec K01 Course Dates: 9/27 - 12/13
9/27 - 12/13 T,R 1:00p - 4:00p KETCH
11/3 - 11/3 S 7:30a - 1:30p KETCH
Student must register and pay for course through Tongass
Substance Screening and then pay for credit processing at UAS.
\$120 additional fee for section K01

Instructor Permission
Pass/Fail grading.

This course covers the history, quality assurance, legal issues, infection control, safety and personal wellness involved with specimen collection. This includes special collections, points of care testing, arterial puncture procedure, non-blood specimens and testing and specimen handling and processing.

HS 203 Science of Nutrition 3 cr
79616 Sec TD1 Course Dates: 8/30 - 12/15 Johnston, J
8/30 - 12/15 W 6:00p - 8:30p Distance Elive
Course is set up as a 'test' course for instructor. Not an active 'live' course...
\$40 additional fee for section TD1

Prerequisite: CHEM S103. BIOL S103 recommended.

Introduction to nutrition as a health science. Students examine the basic principles of nutrition as they relate to human needs and behaviors throughout the life cycle. Some elements of clinical nutrition are explored. Meets the nutrition requirement for nursing and other health science majors.

HS 291 Health Sciences Internship 3 - 6 cr
77596 Sec J01 Course Dates: 8/30 - 12/15 Urata, C
8/30 - 12/15 - ARR
\$10 additional fee for section J01

Prerequisite: Admission to HS program and faculty permission via approval form.

Students are employed (paid or unpaid) in either a facility or community-based healthcare setting. Students work in an approved agency, under supervision of both a qualified professional at work and a faculty sponsor. Requires 50 clock hours per credit.

HUM: Humanities

HUM 101 College Success Skills 3 cr
78741 Sec KD1 Course Dates: 8/30 - 12/15 Hoyt, C
8/30 - 12/15 T,R 3:00p - 4:20p Distance Audio
8/30 - 12/15 T,R 3:00p - 4:20p PAUL 515
Delivered via audio and web. Requires access to internet, email,

MSWord and telephone. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

79067 Sec J01 Course Dates: 8/30 - 12/15 Amstutz, A
8/30 - 12/15 M,W 5:30p - 7:00p EG 223
\$20 additional fee for section J01

Learn practical strategies, skills and tools to succeed in college. Course guides students in becoming an active, responsible and successful student. Includes reading comprehension and retention, time management, learning styles, study techniques, academic expectation and resources, social and cultural adjustments, and goal setting.

HUM 120 A Sense of Place: Alaska and Beyond 3 cr
77933 Sec J01 Course Dates: 8/30 - 11/20 Maier, K
9/6 - 11/20 R 9:45a - 11:15a EG 113
9/4 - 11/20 T 9:45a - 11:15a EG 112
8/30 - 8/30 R 9:45a - 11:15a EG 112
11/17 - 11/18 U,S 8:00a - 8:00p OT Haines

All sections of HUM S120 share the Tuesday lectures, and break out into separate sections on Thursdays. A trip to the Haines Bald Eagle Festival is a required course component Nov 17 & 18. Students are required to travel as a group via ferry. All travel will be coordinated by UAS. All sections meet in EG 112 for first class on Aug 30.

\$85 additional fee for section J01

77934 Sec J02 Course Dates: 8/30 - 11/20 Twitchell, L
9/4 - 11/20 T 9:45a - 11:15a EG 112
9/6 - 11/20 R 9:45a - 11:15a EG 114
8/30 - 8/30 R 9:45a - 11:15a EG 112
11/17 - 11/18 U,S 8:00a - 8:00p OT Haines

All sections of HUM S120 share the Tuesday lectures, and break out into separate sections on Thursdays. A trip to the Haines Bald Eagle Festival is a required course component Nov 17 & 18. Students are required to travel as a group via ferry. All travel will be coordinated by UAS. All sections meet in EG 112 for first class on Aug 30.

\$85 additional fee for section J02

77935 Sec J03 Course Dates: 8/30 - 11/20 Walz, R
9/6 - 11/20 R 9:45a - 11:15a EG 115
8/30 - 8/30 R 9:45a - 11:15a EG 112
9/4 - 11/20 T 9:45a - 11:15a EG 112
11/17 - 11/18 U,S 8:00a - 8:00p OT Haines

All sections of HUM S120 share the Tuesday lectures, and break out into separate sections on Thursdays. A trip to the Haines Bald Eagle Festival is a required course component Nov 17 & 18. Students are required to travel as a group via ferry. All travel will be coordinated by UAS. All sections meet in EG 112 for first class on Aug 30.

\$85 additional fee for section J03

77936 Sec J04 Course Dates: 8/30 - 11/20 Connor, C
9/4 - 11/20 T 9:45a - 11:15a EG 112
8/30 - 8/30 R 9:45a - 11:15a EG 112
9/6 - 11/20 R 9:45a - 11:15a EL 211
11/17 - 11/18 U,S 8:00a - 8:00p OT Haines

All sections of HUM S120 share the Tuesday lectures, and break out into separate sections on Thursdays. A trip to the Haines Bald Eagle Festival is a required course component Nov 17 & 18. Students are required to travel as a group via ferry. All travel will be coordinated by UAS. All sections meet in EG 112 for first class on Aug 30.

\$85 additional fee for section J04

Prerequisite: ENGL S092 or concurrent enrollment, or higher ENGL class or placement test results, or instructor permission.
HUM S120-J01, J02, J03, J04 stacked.

Designed for first year students. Through a variety of readings, activities and discussions, examines the ways we relate to the places in which we find ourselves. Focus is on both the university and the Alaska wilderness as place through study in the humanities and social sciences. Students explore issues critical to their academic goals and objectives. Assists students in finding their place in the university setting.

HUM 200 Orientation to the Liberal Arts 2 cr
77937 Sec J01 Course Dates: 8/30 - 12/15 Krein, K
8/30 - 12/15 T 9:45a - 11:15a HB 113
Requires concurrent enrollment in both HUM 200 and 210.
\$15 additional fee for section J01

78742 Sec KD1 Course Dates: 8/30 - 12/15 Bennett, C
8/30 - 12/15 M,W 1:30p - 2:30p Distance Elive
Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Ketchikan Distance Office will mail text to student for this course. Call 1-888-550-6177 with questions or for registration information.
\$84 additional fee for section KD1

79716 Sec KD2 Course Dates: 8/30 - 12/15 Bennett, C
8/30 - 12/15 T,R 6:00p - 7:00p Distance Elive
Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Ketchikan Distance Office will mail text to student for this course. Call 1-888-550-6177 with questions or for registration information.
\$84 additional fee for section KD2

Prerequisite: ENGL S111 (C or better) and concurrent enrollment in HUM S210.

Introduction to fundamental issues and texts of the liberal arts. Examines classical and contemporary texts, issues, and interpretations. A required core course in the Bachelor of Liberal Arts program.

HUM 210 BLA Portfolio Review 1 cr
77938 Sec J01 Course Dates: 8/30 - 12/15 Krein, K
8/30 - 12/15 R 9:45a - 11:15a HB 113
Requires concurrent enrollment in both HUM 200 and 210.
\$10 additional fee for section J01

78743 Sec KD1 Course Dates: 8/30 - 12/15 Urquhart li, W
8/30 - 12/15 Distance Web
Delivered:
Delivered via web. Requires access to internet, email, MSWord and Excel and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Call 1-888-550-6177 with questions or for registration information.
\$40 additional fee for section KD1

79719 Sec KD2 Course Dates: 8/30 - 12/15 Urquhart li, W
8/30 - 12/15 Distance Web
Delivered:
Delivered via web. Requires access to internet, email, MS Excel and Word. Go to course site at <http://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Call 1-888-550-6177 with questions or for registration information.
\$40 additional fee for section KD2

Prerequisite: ENGL S111 (C or better) and concurrent enrollment in HUM S200.
Pass/Fail grading.

Students develop and assemble an assessment portfolio that will be maintained and updated throughout the Bachelor of Liberal Arts (BLA) program. Required course for the BLA degree.

HUM 391 Intrn: JYS Case Manager 3 cr
81046 Sec J01 Course Dates: 8/30 - 12/15

Pass/Fail grading.

JOUR: Journalism

JOUR 101 Introduction to Mass Communications 3 cr
78931 Sec TD1 Course Dates: 8/30 - 12/15 Muntz, S
8/30 - 12/15 Distance Web
Delivered:
Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct.
\$40 additional fee for section TD1

A survey of the mass communications media and their functions in modern society. Topics include newspapers, magazines, books, movies, radio, television, the advertising and public relations industries, and the convergence of mass media in the digital environment.

JOUR 221 Introductory Photography 3 cr
77940 Sec J01 Course Dates: 8/30 - 12/15 Gelotte, D
8/30 - 12/15 T 9:15a - 11:15a HB 205
8/30 - 12/15 - WB 103
Three hours lab per week required TBA: schedule times through instructor.
\$60 additional fee for section J01

ART/JOUR S221 stacked.

Basic principles of photography; how the camera functions and the utilization of these features for artistic expression; processing and printing of black and white film; laboratory and classroom demonstration; relationship of photography to other art media.

JOUR 293 ST: Digital Camera Photography 3 cr
 78036 Sec J01 Course Dates: 8/30 - 12/15 Gelotte, D
 8/30 - 12/15 T 5:30p - 8:30p WB 102
 \$60 additional fee for section J01

Basic principles of photography, with emphasis on digital media. Introduces digital imaging technology, photo composition and lighting, using leading software to process images, and printing and electronic distribution. Emphasis is on the artistic value of digital imaging as a medium, as well as in relation to traditional photography and other forms of artistic expression. Students must have basic computer skills and access to a digital camera.

JOUR 494 Advanced Newspaper Practicum 2 cr
 81044 Sec J01 Course Dates: 8/30 - 12/15 Vernon, J
 8/30 - 12/15 - ARR

Prerequisite: ENGL S211 or JOUR S294 or S394, or instructor permission.
 JOUR 294/394/494 stacked.
 Pass/Fail grading.

Provides development of more sophisticated newspaper skills including copy editing, page layout, news judgment and positioning, and assigning stories to staff. Requires 50 hours of work per credit. May be repeated for up to 6 credits.

JUST: Justice

JUST 102 Fundamentals of CPR and First Aid 1 cr
 78936 Sec T01 Course Dates: 8/5 - 11/16 Helgoe, J
 8/5 - 11/16 M,T,W,R,F - SITKA Psa

Basic CPR and first aid for controlling bleeding, shock, seizures, obstructed airway, heat and cold emergencies, and diabetic crisis. Symptoms of stroke and heart attack are reviewed, and use of AED (defibrillator). Safety and prevention practices are discussed. Course meets certification requirements for childcare providers, outdoor guides, lifeguards, home health aides, and certified nurse aides. Course materials are derived from American Safety and Health Institute and American Heart Association guidelines.

JUST 103 Law Enforcement Procedures 4 cr
 78937 Sec T01 Course Dates: 8/5 - 11/16 Helgoe, J
 8/5 - 11/16 M,T,W,R,F - SITKA Psa
 \$7341 additional fee for section T01

A statutory law course covering individual rights, constitutional safeguards, and rules of evidence. Constitutional issues such as search and seizure, 5th Amendment, and 14th Amendment are studied.

JUST 104 Ethics and Conduct 1 cr
 78938 Sec T01 Course Dates: 8/5 - 11/16 Helgoe, J
 8/5 - 11/16 M,T,W,R,F - SITKA Psa

Specific instruction in the professional standard law enforcement ethics, conduct, and Community Oriented Policing philosophy. Provides the tactical tools necessary to successfully manage routine transactions as well as extraordinary confrontations. Fosters discussion about values, integrity, and principles as they relate to law enforcement.

JUST 105 Traffic Law and Enforcement 4 cr
 78939 Sec T01 Course Dates: 8/5 - 11/16 Helgoe, J
 8/5 - 11/16 M,T,W,R,F - SITKA Psa

Course covers preparation of D.U.I. enforcement, drinking drivers and driving, the D.U.I. statute, issues and defenses, pharmacology and

toxicology, theory and operation of the intoximeter, courtroom testimony, and case preparation. Accident investigation techniques and field exercises are included.

JUST 106 Enforcement Techniques 3 cr
 78941 Sec T01 Course Dates: 8/5 - 11/16 Helgoe, J
 8/5 - 11/16 M,T,W,R,F - SITKA Psa

Introduction to the basic skills necessary to use firearms (both pistol and shotgun), operate a motor vehicle under emergency conditions, and use of expandable tactical baton, taser, and oleo capsicum (pepper) spray effectively. A continuum on the use of force, judgment in the use of deadly force, physical defense tactics, and physical arrest.

JUST 107 Criminal Justice 3 cr
 78940 Sec T01 Course Dates: 8/5 - 11/16 Helgoe, J
 8/5 - 11/16 M,T,W,R,F - SITKA Psa

Course covers physical evidence and crime scene investigation, drug identification and case procedures, arson, sex crimes, and instruction in fingerprinting and investigation practices.

JUST 193 ST: DPS Specific Training (Dept of Public Safety) 2 cr
 78942 Sec T01 Course Dates: 11/19 - 12/7 Helgoe, J
 11/19 - 12/7 M,T,W,R,F - SITKA Psa
 \$1512 additional fee for section T01

Course will include an overview of the following topics: Field Training and Evaluation Program, Critical Stress, Alaska Public Safety Information Network, Introduction to Fish and Game Regulations, ABWE Sport Fish, Hunting/Trapping, Commercial Fishing and DPS Vessel Operations Overview, ABWE Field Contacts, ABWE Crime Scene, Introduction to Wilderness Survival, History of the Alaska State Troopers, Boater Safety, Pepper Ball, Introduction to Search and Rescue Management, Patrol Rifle, Patrol Scenarios, Patrol Immediate Action Rapid Deployment (PIARD), Stinger Tire Deflation Device, Operating Procedures Manual, and Operating Procedures Manual Review.

LAWS: Law Science

LAWS 330 Legal Environment of Business 3 cr
 79412 Sec JD1 Course Dates: 8/30 - 12/15 Boyer, M
 8/30 - 12/15 Distance Web
 Delivered:

Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order textbooks at least one week prior to first day of class from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. For more information call 796-6402 or 1-800-478-9069 toll-free.
 \$75 additional fee for section JD1

This course examines business in its relation to the legal and judicial systems and to government regulation. It explores legal concepts and issues pertaining to competition, sales, employees, liabilities and forms of doing business.

LS: Library Science

LS 110 Library Resources and Information Literacy 1 cr
 77941 Sec J01 Course Dates: 9/11 - 11/6 Leithauser, T
 9/11 - 11/6 T 3:00p - 4:30p EG 115

\$10 additional fee for section J01

Introduction to rapidly evolving online research methods and the principles of information retrieval and organization. Emphasis is on skills necessary for successful evaluation and use of virtual and physical library collections. Skills acquired are immediately relevant for other courses.

LS 111 Library Information Literacy for Distance Students 1 cr

77942 Sec JD1 Course Dates: 9/12 - 11/7 Tomlinson, E
9/12 - 11/7 Distance Web
Delivered:

Distance Web. Requires access to telephone and a computer with Internet. Assignments are due each week on Wednesdays. Additional information available on the course website at uas.alaska.edu/online, or call 796-6440 in Juneau, or toll-free 1-800-465-6400 x6440. 796-6163 in Juneau, or toll-free 1-877-465-4827 x6163.

\$50 additional fee for section JD1

Introduction to rapidly evolving online research methods and the principles of information retrieval and organization. Designed for students without access to physical libraries; emphasis is on skills required to navigate the virtual library environment. Includes locating and evaluating information in e-book collections, full-text article databases, online indexes, via Internet, and interlibrary loan. Skills acquired are immediately relevant for other distance courses.

MATH: Mathematics

MATH 054 Preparatory Mathematics 3 cr

78397 Sec J01 Course Dates: 8/30 - 12/15 Dumesnil, J
8/30 - 12/15 M,W,F 9:10a - 10:10a EG 219

\$25 additional fee for section J01

78744 Sec K01 Course Dates: 8/30 - 12/15 Robbins, E
8/30 - 12/15 T,R 9:00a - 10:20a PAUL 519

78943 Sec TD1 Course Dates: 8/30 - 12/15 Holt, T
8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Please read the course announcements on UASonline. must purchase an online electronic textbook, cost is \$80. Your instructor will send you the website information for purchasing the electronic textbook. The online electronic textbook has video lessons, guided practice, audio clips, gradebook, your homework and tests as well as an exact copy of the paper textbook. Please send your instructor an email message with your preferred email address to receive the textbook purchasing code. (teresa.holt@uas.alaska.edu) This course is online and requires a reliable internet connection and enough memory to support multimedia presentations. Operating System (Windows 7, XP, or Vista, Mac OS 10.4,10.5, or 10.6) Browser (Firefox 3.6, Internet Explorer 7,8, or 9, Safari 5.0)

\$40 additional fee for section TD1

Prerequisite: Placement Test.

Pass/Fail grading.

Review of concepts necessary for a course in algebra fundamentals. Topics of study include whole numbers, integers, fractions, decimals, and applications.

MATH 055 Fundamentals of Algebra 4 cr

78399 Sec J01 Course Dates: 8/30 - 12/15 Buzby, M
8/30 - 12/15 M,T,R,F 10:20a - 11:20a EG 218

\$25 additional fee for section J01

78400 Sec J02 Course Dates: 8/30 - 12/15 Seater, R
8/30 - 12/15 M,T,R,F 12:00p - 1:00p EG 219

\$25 additional fee for section J02

78401 Sec J03 Course Dates: 8/30 - 12/15 Stiehr, A
8/30 - 12/15 M,T,R,F 1:10p - 2:10p EG 219

\$25 additional fee for section J03

78402 Sec J04 Course Dates: 8/30 - 12/15 Piotrowski, A
8/30 - 12/15 M,T,W,R 3:30p - 4:30p EG 109

\$25 additional fee for section J04

78745 Sec K01 Course Dates: 8/30 - 12/15 Davis, H
8/30 - 12/15 T,R,F 9:00a - 10:20a PAUL 305

78948 Sec TD1 Course Dates: 8/30 - 12/15 Holt, T
8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Please read the course announcements on UASonline. Students must purchase an online electronic textbook, cost is \$80. Your instructor will send you the website information for purchasing the electronic textbook. The online electronic textbook has video lessons, guided practice, audio clips, gradebook, your homework and tests as well as an exact copy of the paper textbook. Please send your instructor an email message with your preferred email address to receive the textbook purchasing code. (teresa.holt@uas.alaska.edu) This course is online and requires a reliable internet connection and enough memory to support multimedia presentations. Operating System (Windows 7, XP, or Vista, Mac OS 10.4,10.5, or 10.6) Browser (Firefox 3.6, Internet Explorer 7,8, or 9, Safari 5.0)

\$40 additional fee for section TD1

Prerequisite: MATH S054 with a Pass, or math placement test.

Introduction to elementary algebra including writing, simplifying and evaluating algebraic expressions; polynomials, factoring, rational forms, graphing, radicals, linear equations, linear inequalities and problem solving.

MATH 105 Intermediate Algebra 4 cr

78403 Sec J01 Course Dates: 8/30 - 12/15 Hay-Jahans, C
8/30 - 12/15 M,T,R,F 10:20a - 11:20a EG 219

\$25 additional fee for section J01

78404 Sec J02 Course Dates: 8/30 - 12/15 Eby, D
8/30 - 12/15 M,T,R,F 12:00p - 1:00p EG 218

\$25 additional fee for section J02

78405 Sec J03 Course Dates: 8/30 - 12/15 Eby, D
8/30 - 12/15 M,T,R,F 1:10p - 2:10p EG 218

\$25 additional fee for section J03

78406 Sec J04 Course Dates: 8/30 - 12/15 Blitz, B
8/30 - 12/15 M,T,W,R 3:30p - 4:30p EG 219

\$25 additional fee for section J04

78746 Sec K01 Course Dates: 8/30 - 12/15 Davis, H
8/30 - 12/15 T,R,F 10:30a - 11:50a PAUL 305

78949 Sec T01 Course Dates: 8/30 - 12/15 Goff, M
8/30 - 12/15 T,R 8:00a - 10:00a SC 112

78950 Sec TD1 Course Dates: 8/30 - 12/15 Liddle, J
8/30 - 12/15 Distance Web
Delivered:

\$40 additional fee for section TD1

Prerequisite: MATH S055 (C or higher) or placement test.

Introduction to the properties, graphs, and applications of linear, quadratic, rational, and radical functions.

MATH 106 Concepts and Contemporary Applications of Mathematics **3 cr**

78426 Sec J01 Course Dates: 8/30 - 12/15 Dumesnil, J
8/30 - 12/15 M,W,F 10:20a - 11:20a EG 115
\$25 additional fee for section J01

Prerequisite: MATH S105 with a C or better, or placement test.

Study of a wide range of topics, including voting systems, management science, probability, and statistics.

MATH 107 College Algebra **4 cr**

78407 Sec J01 Course Dates: 8/30 - 12/15 Seater, R
8/30 - 12/15 M,T,R,F 10:20a - 11:20a EG 109
\$25 additional fee for section J01

78409 Sec J02 Course Dates: 8/30 - 12/15 Eby, D
8/30 - 12/15 M,T,W,R 3:30p - 4:30p EG 218
\$25 additional fee for section J02

78747 Sec K01 Course Dates: 8/30 - 12/15 Ianuzzi, C
8/30 - 12/15 M,W,R 4:30p - 5:50p PAUL 519

78952 Sec TD1 Course Dates: 8/30 - 12/15 Siercks, B
8/30 - 12/15 Distance Web
Delivered:
\$40 additional fee for section TD1

79238 Sec TD2 Course Dates: 8/30 - 12/15 Liddle, J
8/30 - 12/15 Distance Web
Delivered:
Students must purchase an online electronic textbook, cost is \$80.00. Staff at UAS will send you the syllabus which includes instructions and information on how to purchase the electronic textbook and gain access to the website. The online electronic textbook has video lessons, guided practice, audio clips, gradebook, your homework and tests as well as an exact copy of the paper textbook.
\$40 additional fee for section TD2

80799 Sec T90 Course Dates: 8/27 - 5/23 Gilbert, P
8/27 - 5/23 M,W,F 10:00a - 11:30a OT Wran
\$100 additional fee for section T90

Prerequisite: MATH S105 (C or higher).

A detailed study of linear, quadratic, rational, radical, exponential, and logarithmic functions; operations on and applications of these functions, and selected topics from algebra.

MATH 108 Trigonometry **3 cr**

78410 Sec J01 Course Dates: 8/30 - 12/15 Blitz, B
8/30 - 12/15 M,W,F 8:00a - 9:00a EG 219
\$25 additional fee for section J01

80800 Sec T90 Course Dates: 8/27 - 1/18 Gilbert, P
8/27 - 1/18 M,W,F 8:30a - 10:00a OT Wran
\$90 additional fee for section T90

Prerequisite: MATH S107 (C or better).

Properties and applications of trigonometric functions.

MATH 200 Calculus I **4 cr**

78411 Sec J01 Course Dates: 8/30 - 12/15 Buzby, M
8/30 - 12/15 M,T,R,F 12:00p - 1:00p EG 108
\$25 additional fee for section J01

Prerequisite: C or higher in both MATH S107 and MATH S108.

Limits, continuity, and differentiation of functions, analysis of functions and their graphs, applications of the derivative, introduction to integration, fundamental theorem of calculus.

MATH 201 Calculus II **4 cr**

78412 Sec J01 Course Dates: 8/30 - 12/15 Blitz, B
8/30 - 12/15 M,T,R,F 12:00p - 1:00p EG 109
\$25 additional fee for section J01

Prerequisite: MATH S200 (C or better).

Applications of the definite integral, techniques of integration, introduction to differential equations, infinite series, polar coordinates, parametric equations, conic sections.

MATH 202 Calculus III **4 cr**

78413 Sec J01 Course Dates: 8/30 - 12/15 Piotrowski, A
8/30 - 12/15 M,T,R,F 12:00p - 1:00p EG 114
\$25 additional fee for section J01

Prerequisite: MATH S201 (C or better).

Vectors in 3-space, vector-valued functions, calculus of functions of several variables, multiple integrals, vector integral calculus, Green's and Stoke's Theorem.

MATH 205 Mathematics for Elementary School Teachers I **3 cr**

78414 Sec JD1 Course Dates: 8/30 - 12/15 Fredenberg, V
8/30 - 12/15 T,R 11:30a - 1:00p Distance Elive
Course meets online via Elluminate. Requires access to computer with Pentium 2 or better processor, microphone, speakers (or earphones), Internet and email. Access UAS-Online at uas.alaska.edu/online for class information, and edit personal profile. Order books from MBS at bookstore.mbsdirect.net/u/alaska.htm, or call 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 or 1-877-465-4827x6163.
\$25 additional fee for section JD1

Prerequisite: ED S222; and MATH S107 (C or better) or STAT S107 (C or better).

Designed for elementary education majors. Sets, functions, numeration systems, integers, elementary number theory and rational numbers.

MATH 314 Linear Algebra **3 cr**

78420 Sec J01 Course Dates: 8/30 - 12/15 Piotrowski, A
8/30 - 12/15 M,W,F 10:20a - 11:20a EG 114
\$25 additional fee for section J01

Prerequisite: MATH S200 (C or better).

Linear equations, finite dimensional vector spaces, matrices, determinants, linear transformations, eigenvalues, inner product spaces.

MATH 392 Junior Seminar **1 cr**

78416 Sec J01 Course Dates: 8/30 - 12/15 Buzby, M
8/30 - 12/15 W 12:00p - 1:00p EG 114
May be repeated for credit.

Prerequisite: MATH S201 (C or better) and MATH S215 (C or better).

Stacked with Math S492-J01.

Pass/Fail grading.

Advanced topics in mathematics that are not found in other course offerings. Possible topics include topology, number theory, and problem solving.

MATH 492 Senior Seminar **1 cr**

78418 Sec J01 Course Dates: 8/30 - 12/15 Buzby, M
8/30 - 12/15 W 12:00p - 1:00p EG 114
May be repeated for credit.

Prerequisites: MATH 392 and departmental approval.
Stacked with Math S392-J01.
Pass/Fail grading.

Advanced topics in mathematics that are not found in other course offerings. Possible topics include topology, number theory, and problem solving. Students are required to give presentations.

MSL: Marine Science & Limnology

MSL 602 Proposal Writing 1 cr

74457 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 T,R 8:00a - 9:30a LENA 103

Recommended: Graduate status.
Pass/Fail grading.

Familiarize students with the proposal writing process. Writing proposals is a common requirement during graduate school and will be continuing during the career as a scientists and researcher. This class aims to cover some common rules about good proposal writing. Students will be required to write a proposal and to give feedback to 1-2 proposals of classmates.

MSL 615 Physiology of Marine Organisms 3 cr

74458 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 T,R 11:30a - 1:00p LENA 301

Prerequisites: Graduate standing or permission of instructor.

A study of the physiological systems of and adaptation to the marine environment, intertidal, pelagic, and deep benthos environment and energy flows will be discussed.

MSL 620 Physical Oceanography 4 cr

74459 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 M,W,F 10:30a - 12:30p LENA 103

Prerequisites: Math F202X; PHYS F103X or PHYS F211X; science or engineering degree; or permission of instructor.

Physical description of the sea, physical properties of seawater, methods and measurements, boundary processes, currents, tides and waves, and regional oceanography.

MSL 650 Biological Oceanography 3 cr

74460 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 M,W,F 2:15p - 3:15p LENA 103

Prerequisites: Upper-division standing in a science major.

Survey of biological processes emphasizing organic matter synthesis and transfer including topics essential to a basic understanding of contemporary biological oceanography. Primary and secondary production, standing stocks, distribution, and structure and dynamics of phytoplankton and zooplankton populations. The transfer of organic matter to higher trophic levels and food webs. Nutrient cycling, especially but not exclusively nitrogen, phosphorus and silicon, microbiological processes relevant to nutrient cycling. Heterotrophic production, benthic communities coastal ecosystems, the influence of organisms on the composition of seawater, particularly with reference to oxygen and carbon dioxide regimes. Aspects of regional oceanography.

MSL 652 Marine Ecosystems 3 cr

74461 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 T,R 9:45a - 11:15a LENA 101

Prerequisites: BIOL F472; MSL F620; MSL F650; or permission of instructor.

Understanding ecosystems of the sea in the context of evaluating the impact of human activities. Focus on current concepts, trends and perspectives.

MSL 654 Benthic Ecology 3 cr

76916 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 T,R 2:00p - 3:30p LENA 101

Prerequisites: Invertebrate zoology course, marine biology course, or permission of instructor.

Ecology of marine benthos, from subtidal to hadal zone. Methods of collecting, sorting, narcotizing, preserving and analyzing benthic assemblages, including video analytical techniques from submersibles and ROV's. Hydrothermal vent and cold seep assemblages. Physiology/energetics of benthic organisms, including animal-sediment relationships, feeding, reproduction and growth. Depth, spatial and latitudinal distribution patterns.

MSL 692 IMS Seminar 1 cr

74462 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 W 3:30p - 4:30p LENA 101

Pass/Fail grading.

MSL 693 Aquatic Food Web Ecology 3 cr

77308 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 W 1:00p - 4:00p LENA 212
8/30 - 12/15 M,W 10:30a - 11:30a LENA 212

MT: Marine Technology

MT 121 Outboard and Small Engine Repair 3 cr

79851 Sec T80 Course Dates: 8/27 - 12/20 Den Herder, G
8/27 - 12/20 M,T,W,R,F 9:40a - 11:00a SC 115

Outboard and small engine repair theory, diagnosis service and repair of outboard and other small gasoline engines.

MT 225 Able Seaman 2 cr

79513 Sec K02 Course Dates: 11/26 - 11/30 Hastings / Rice
11/26 - 11/30 M,T,W,R,F 8:00a - 5:00p HAM 101
\$302 additional fee for section K02

Prerequisite: MT S230 or instructor permission.
Pass/Fail grading.

Students will learn rules of the road, ship nomenclature, knots, splices and general seamanship topics. This course is approved for third party testing. A UAS certificate of completion is accepted as a substitute for testing by the U.S. Coast Guard.

MT 226 Ratings Forming Part of a Navigation Watch (RFPNW) 1 cr

78777 Sec K01 Course Dates: 11/6 - 11/8 Hastings / Miller / Rice
11/6 - 11/8 T,W,R 8:00a - 5:00p HAM 101
\$276 additional fee for section K01

Pass/Fail grading.

This U.S. Coast Guard approved course satisfies the Standards of Training and Certification of Watchkeeping (STCW) 95 for Ratings Forming Part of a Navigation Watch. Included in the course are helm commands and duties of a mariner on a navigation watch.

MT 228 Fast Rescue Boat (FRB) 2 cr
 81089 Sec K01 Course Dates: 10/8 - 10/12 Hastings / Miller / Rice
 10/8 - 10/12 M,T,W,R,F 8:00a - 5:00p ROBT 118
 Students must provide warm foul weather gear as they will be operating small rescue boats on the water of the Tongass Narrows. It is recommended that students bring Mustang type suits or float coats if they have them.

Pass/Fail grading.

Required for persons assigned to operate Fast Rescue Boats. It is USCG approved and meets the requirements for Standards, Training and Certification of Watchkeeping (STCW) 95. Much of the class time is spent operating a fast rescue boat on the water. Requires prior experience handling a skiff, warm clothing and rain gear.

MT 230 Proficient in Survival Craft 2 cr
 78782 Sec K01 Course Dates: 8/30 - 12/15

\$277 additional fee for section K01

Pass/Fail grading.

This U.S. Coast Guard approved course provides training in the use of lifeboats, life rafts and survival gear. It meets the requirements of 46 CFR 12.10-3(a)(6) and 46 CFR 12.10-5 for endorsement for Lifeboatman. It also meets the requirements of Section A-VI/2 and Table A-VI/2-1 of the Standards of Training, Certification and Watchkeeping for Seafarers (STCW) 95. Rain gear may be needed for outside drills.

MT 232 Radar Observer 2 cr
 78783 Sec K01 Course Dates: 12/10 - 12/14 Miller, D

12/10 - 12/14 M,T,W,R,F 8:00a - 5:00p ROBT 118

Students are expected to complete online coursework prior to the first day of class. Contact the MT Department at 228-4568 for further information.

\$402 additional fee for section K01

Pass/Fail grading.

U.S. Coast Guard approved course provides training in basic radar theory. Topics include navigation and collision avoidance. Great emphasis is placed on plotting techniques. Radar Observer utilizes the Nautilus Educational Systems (NRAS) radar simulator. Meets the requirements for uninspected tow vessels greater than 26 feet.

MT 239 Master 100 Ton and Operator of Uninspected Passenger Vessel 5 cr

78786 Sec K03 Course Dates: 10/2 - 12/1 Nickerson, N

10/2 - 12/1 T,R 6:00p - 9:00p RC 201

11/3 - 11/3 S 8:00a - 5:00p RC 201

12/1 - 12/1 S 8:00a - 5:00p RC 201

10/20 - 10/20 S 8:00a - 5:00p RC 201

11/17 - 11/17 S 8:00a - 5:00p RC 201

10/6 - 10/6 S 8:00a - 5:00p RC 201

\$180 additional fee for section K03

Pass/Fail grading.

This course and instructor have been approved by the US Coast Guard for third party testing. A UAS certificate of completion is accepted as a substitute for testing by the Coast Guard. Depending on sea experience and other Coast Guard requirements, a person passing this course is eligible to receive an Operator of Uninspected Passenger Vessel (OUPV, commonly called a 6-pack license) up to a Master 100 Gross Ton license.

MT 239 Master 100 Ton and Operator of Uninspected Passenger Vessel 5 cr

78785 Sec K02 Course Dates: 10/8 - 10/19 Nickerson, N

10/8 - 10/19 M,T,W,R,F,S 8:00a - 5:00p AWAY Kodiak

This course will take place in Kodiak the the Bayside Fire Station Training Room.

\$230 additional fee for section K02

Pass/Fail grading.

This course and instructor have been approved by the US Coast Guard for third party testing. A UAS certificate of completion is accepted as a substitute for testing by the Coast Guard. Depending on sea experience and other Coast Guard requirements, a person passing this course is eligible to receive an Operator of Uninspected Passenger Vessel (OUPV, commonly called a 6-pack license) up to a Master 100 Gross Ton license.

MT 244 Crisis Management and Human Behavior 1 cr

78787 Sec K01 Course Dates: 8/30 - 12/15

\$151 additional fee for section K01

Prerequisite: Requires US Coast Guard approved certificate of completion in Crowd Management.

Pass/Fail grading.

Intended for mariners responsible for cargo and the safety of passengers in emergency situations. It meets the Crisis Management and Human Behavior requirements of Standards, Training and Certification of Watchkeeping (STCW) 95 including Roll On Roll Off (Ro-Ro) passenger vessels.

MT 252 Automatic Radar Plotting Aids (ARPA) 2 cr

78788 Sec K01 Course Dates: 11/12 - 11/15 Miller, D

11/12 - 11/15 M,T,W,R 8:00a - 5:00p ROBT 118

\$402 additional fee for section K01

Prerequisite: MT S232 or US Coast Guard license with Radar Observer endorsement.

Pass/Fail grading.

MUS: Music

MUS 123 Music Appreciation 3 cr

78092 Sec J01 Course Dates: 8/30 - 12/15 D'Armand, J

8/30 - 12/15 T 5:30p - 8:30p HB 113

\$25 additional fee for section J01

78953 Sec TD1 Course Dates: 8/30 - 12/15 Risse, C

8/30 - 12/15 Distance Web Delivered:

Go to <http://www.uas.alaska.edu/silka/start/> to get started in your distance class. Students must have access to a computer and the Internet. Order books from MBS Direct.

\$40 additional fee for section TD1

Introduction to the historical and cultural aspects of music as an art form in the various stylistic eras, the leading figures in these eras, and the world they inhabited. The course also deals with the materials and structural elements from which a musical work is fashioned.

MUS 161 Private Lessons: Guitar, Classical 1 - 4 cr

78095 Sec J03 Course Dates: 8/30 - 12/15 Hopson, D

8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or

Humanities dept.) For all private music lessons offered by the Juneau campus, please contact the Humanities dept., 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 161 Private Lessons: Piano 1 - 4 cr

78096 Sec J04 Course Dates: 8/30 - 12/15 Maas, M
8/30 - 12/15 - ARR

78097 Sec J05 Course Dates: 8/30 - 12/15 Felts, M
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Humanities dept.) For all private music lessons offered by the Juneau campus, please contact the Humanities dept., 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 161 Private Lessons: Voice 1 - 4 cr

78093 Sec J01 Course Dates: 8/30 - 12/15 Wayne, K
8/30 - 12/15 - ARR

78094 Sec J02 Course Dates: 8/30 - 12/15 Felts, M
8/30 - 12/15 - ARR

78098 Sec J06 Course Dates: 8/30 - 12/15 D'Armand, J
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Humanities dept.) For all private music lessons offered by the Juneau campus, please contact the Humanities dept., 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 261 Private Lessons: Guitar, Classical 1 - 4 cr

78102 Sec J03 Course Dates: 8/30 - 12/15 Hopson, D
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 261 Private Lessons: Piano 1 - 4 cr

78103 Sec J04 Course Dates: 8/30 - 12/15 Maas, M
8/30 - 12/15 - ARR

78104 Sec J05 Course Dates: 8/30 - 12/15 Felts, M
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 261 Private Lessons: Voice 1 - 4 cr

78100 Sec J01 Course Dates: 8/30 - 12/15 Wayne, K
8/30 - 12/15 - ARR

78101 Sec J02 Course Dates: 8/30 - 12/15 Felts, M
8/30 - 12/15 - ARR

78105 Sec J06 Course Dates: 8/30 - 12/15 D'Armand, J
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 361 Private Lessons: Guitar, Classical 1 - 4 cr

78108 Sec J03 Course Dates: 8/30 - 12/15 Hopson, D
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 361 Private Lessons: Violin/Strings 1 - 4 cr

78110 Sec J05 Course Dates: 8/30 - 12/15 Rosenthal, L
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

credits.

MUS 361 Private Lessons: Piano 1 - 4 cr
78109 Sec J04 Course Dates: 8/30 - 12/15 Maas, M
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 361 Private Lessons: Voice 1 - 4 cr
78106 Sec J01 Course Dates: 8/30 - 12/15 Wayne, K
8/30 - 12/15 - ARR
78107 Sec J02 Course Dates: 8/30 - 12/15 Felts, M
8/30 - 12/15 - ARR
78111 Sec J06 Course Dates: 8/30 - 12/15 D'Armand, J
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 461 Private Lessons: Guitar, Classical 1 - 4 cr
78114 Sec J03 Course Dates: 8/30 - 12/15 Hopson, D
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 461 Private Lessons: Violin/Strings 1 - 4 cr
78116 Sec J05 Course Dates: 8/30 - 12/15 Rosenthal, L
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 461 Private Lessons: Piano 1 - 4 cr
78115 Sec J04 Course Dates: 8/30 - 12/15 Maas, M
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

MUS 461 Private Lessons: Voice 1 - 4 cr
78112 Sec J01 Course Dates: 8/30 - 12/15 Wayne, K
8/30 - 12/15 - ARR
78113 Sec J02 Course Dates: 8/30 - 12/15 Felts, M
8/30 - 12/15 - ARR
78117 Sec J06 Course Dates: 8/30 - 12/15 D'Armand, J
8/30 - 12/15 - ARR

Prerequisite: Permission (instructor approval form signed by instructor or Music dept.) For all private music lessons offered by the Juneau campus, please contact Virginia Berg, 796-6405.

Private instruction in voice, guitar, piano or keyboard, strings, winds, or other by arrangement. The course is designed to develop technique, improve musicianship, and broaden repertoire. Students provide own instrument. May be repeated for credit. Each credit is the equivalent of a 15-minute lesson increment weekly for the semester. For example, 2 credits allow a half-hour lesson weekly, a recommended minimum. Ketchikan campus offers private piano lessons, half-hour per week for 2 credits.

NRM: Natural Resources Management

NRM 692 Graduate Seminar 1 cr
74463 Sec FJ1 Course Dates: 8/30 - 12/15
8/30 - 12/15 R 3:40p - 5:10p JUNEAU

Prerequisites: Graduate standing or permission of instructor.

Topics in natural resources management and geography explored through readings, student presentations, group discussions and guest speakers.

79347 Sec NPB Course Dates: 8/30 - 12/15 Squires, M
8/30 - 12/15 - ARR

NSE 497 IS: National Student Exchange 12 cr

79348 Sec NPA Course Dates: 8/30 - 12/15 Squires, M
8/30 - 12/15 - ARR

79356 Sec NPB Course Dates: 8/30 - 12/15 Squires, M
8/30 - 12/15 - ARR

OCN: Oceanography

OCN 101 Introduction to Oceanography 3 cr

78791 Sec KD1 Course Dates: 8/30 - 12/15 Freitag, G
8/30 - 12/15 M 3:00p - 5:50p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

Survey of the oceans. Geology, chemistry, physical and biological characteristics will be covered. Topics include plate tectonics, sedimentation, ocean topography, major and minor chemical elements of seawater, currents and water masses, waves and tides, upwelling, nutrient cycles, plankton and nekton, benthic and pelagic life.

ODS: Outdoor Studies

ODS 112 Swiftwater Rescue 1 cr

77647 Sec J01 Course Dates: 8/31 - 9/3 Aikman, C
8/31 - 9/3 F 8:00a - 5:00p JREC 115
8/31 - 9/3 U,M,S 8:00a - 5:00p FIELD Day

Required Outings: 9/1, 9/2, 9/3. This class meets on Labor Day. \$20 fee for non-members JREC.

\$150 additional fee for section J01

Prerequisite: Acceptance to ODS certificate program or permission.

Introduces skills and equipment necessary for safe travel in and on swiftly moving water. Intensive training in river hydrology, rescue equipment and techniques, boat handling, and self and group contact rescues, leading to international certification as a Swiftwater Rescue Technician I. Students must be in good physical condition.

ODS 114 Backpacking in Southeast Alaska 2 cr

77648 Sec J01 Course Dates: 10/9 - 10/21 Shanley, E
10/9 - 10/21 T,W,R 6:00p - 8:30p JREC 115
10/19 - 10/21 U,F,S 8:00a - 11:00p FIELD Overnight
10/13 - 10/14 U,S 8:00a - 11:00p FIELD Overnight

Required Outings: 10/13-10/14, 10/19-10/21 (overnight). \$20 fee for non-members JREC.

\$110 additional fee for section J01

Prerequisite: Acceptance to ODS certificate program or permission.

Introduces skills and equipment required for overnight backpacking trips in SE Alaska in non-winter seasons. Covers selection of personal, group, and safety equipment, and introduces contingency plan concepts. Includes strategies for backcountry cooking. Overnight outings are a required component of the course. Students must be in excellent physical condition.

ODS 116 Introduction to Rock Climbing 1 cr

77649 Sec J01 Course Dates: 8/30 - 9/10 Wagner, F
8/30 - 8/30 R 5:30p - 7:30p JREC 115
9/7 - 9/10 U,M,F,S 8:00a - 11:00p FIELD Overnight

Required Outings: 9/7-9/11/12. Students must have a clean criminal record and current U.S. Passport; class involves ferry travel and travel through Canada. \$20 additional fee for non-members JREC.

\$150 additional fee for section J01

Prerequisite: Acceptance to ODS certificate program or permission. Stacked with ODS/PE 116, ODS/PE 293 J01.

Introduces the basics of rock climbing in both indoor and outdoor settings. Covers risk assessment, hazard evaluation, equipment, climbing techniques, knots, belaying, rappelling, and top rope anchor setup. Students must be in good physical condition.

ODS 133 Introduction to Sea Kayaking 2 cr

77651 Sec J01 Course Dates: 9/18 - 9/30 Behnke, C
9/18 - 9/30 T,W,R 6:00p - 8:30p JREC 115
9/28 - 9/30 U,F,S 8:00a - 11:00p FIELD Overnight
9/22 - 9/23 U,S 8:00a - 9:00p FIELD Day

Required Outings: 9/22, 9/23, Day 9/28-30/12 overnight.

\$150 additional fee for section J01

Prerequisite: Acceptance to ODS certificate program or permission.

Fundamentals of sea kayaking in Alaska. Introduces commonly used equipment and techniques, and the challenges and hazards found in the activity. Instruction in selecting equipment, trip planning, boat handling, paddling, sea strokes, and rolling and bracing. Emphasizes risk assessment and safety skills. Requires excellent physical condition, backcountry camping skills, and participation in an overnight outing.

ODS 193 ST: Introduction to Fly Tying, Fly Casting and Fly Fishing. 1 cr

77653 Sec J01 Course Dates: 9/12 - 9/17 Maier, K
9/12 - 9/17 M,W,R,F 5:30p - 8:00p EG 220
9/15 - 9/16 U,S 8:00a - 9:00p FIELD Day

Required Outings: 9/15, 9/16. \$20 fee to non-members JREC.

\$110 additional fee for section J01

Prerequisite: Current Alaska fishing license and the physical ability to access backcountry streams and lakes.

An introduction to the fundamentals of fly fishing, including basic casting, fly tying, and on-the-water strategies. Emphasis will be placed on the history and ethics at the core of the sport, as well as the basic ecology of local sport fish. Course will include lecture, discussion, and hands-on instruction in the classroom and on the water.

ODS 193 ST: Intro to Pack Rafting 1 cr

77827 Sec J02 Course Dates: 10/1 - 10/8 Wagner, F
10/1 - 10/3 M,W 5:30p - 8:30p JREC 116
10/8 - 10/8 M 5:30p - 8:30p JREC 116
10/5 - 10/5 F 12:00p - 6:00p JREC 116
10/6 - 10/7 U,S 8:00a - 9:00p FIELD Day

\$20 fee to non-members JREC.

\$110 additional fee for section J02

An introduction to the fundamentals of pack rafting. Course will focus on fundamentals, including techniques and strategies for river running and expedition travel.

ODS 205 Backcountry Navigation 2 cr

77655 Sec J01 Course Dates: 10/24 - 11/5 Wagner, F
10/24 - 11/4 W,F 5:30p - 8:30p JREC 116

77655 Sec J01 Course Dates: 10/24 - 11/5 Wagner, F
 11/5 - 11/5 M 5:30p - 8:30p JREC 116
 11/2 - 11/4 U,F,S 8:00a - 11:00p FIELD Overnight
 10/27 - 10/28 U,S 8:00a - 9:00p FIELD Day
 Lab fee includes a backcountry compass. \$20 fee for non-members JREC.
 \$110 additional fee for section J01

Prerequisite: Acceptance to ODS certificate program or permission.

Covers topics relating to extended backcountry trips and navigation by map and compass. Students acquire skills necessary to plan and carry out multi-day backpacking trips, and learn to use common maps to plan routes through unknown terrain. Student must be in good physical condition. Outings are a required course component.

ODS 243 Introduction to Outdoor Leadership 3 cr
 77656 Sec J01 Course Dates: 8/30 - 12/15 Wagner, F
 8/30 - 12/15 T,R 3:30p - 5:00p JREC 116
 \$50 additional fee for section J01

Prerequisite: Admission to ODS certificate program or permission.

A study of theories of interaction, information sharing, decision making, team building, and problem solving processes. Theoretical discussions are supplemented by analysis of risk management issues within the outdoor industry, guest lectures, and relevant readings. Designed as a theoretical and practical foundation for developing a personal and professional leadership style.

ODS 293 ST: Intro to Scuba Diving 2 cr
 77831 Sec J02 Course Dates: 10/2 - 12/2 Sellick, P

11/14 - 11/15 W,R 8:00p - 10:00p DOWN
 11/10 - 11/11 U,S 8:00p - 11:00p DOWN
 11/6 - 11/13 T,W,R 5:30p - 8:30p JREC 115
 10/2 - 10/2 T 5:30p - 8:30p JREC 115
 12/1 - 12/2 U,S 9:00a - 8:00p FIELD Day

Required Outings: 11/10, 11/11: 8:00p-11p, pool plus 11/14, 11/15 from 8:00p-10p, pool; 12/1, 12/2: all day, open water. \$20 fee for non-members JREC. Almost anyone who is in good health with reasonable fitness and able to swim can learn to scuba dive. Course fee covers most equipment rental, pool rental, and textbook and other materials. Students will purchase mask, snorkel, and fins from the instructor, apx \$200, not covered by course fee.
 \$350 additional fee for section J02

The PADI Open Water Diver course is a complete, carefully structured entry level scuba diving course designed to take you from a non-diver with little or no prior experience to a certified diver. The certification is recognized worldwide and is valid for life, to a maximum depth of 60 feet. The program consists of knowledge development sessions, confined water/pool training dives and open water (sea) dives. During the course you will practice and master the skills that you will need to be a safe and competent diver, with your instructor devoting maximum time to teaching you fun and safe diving techniques.

ODS 293 ST: Rock climbing Level 2 1 cr
 77829 Sec J01 Course Dates: 8/30 - 9/10 Wagner, F
 8/30 - 8/30 R 5:30p - 7:30p JREC 115
 9/7 - 9/10 U,M,F,S 8:00a - 11:00p FIELD Overnight
 Required Outings: 9/7-9/11/12. Students must have a clean criminal record and current U.S. Passport; class involves ferry travel and travel through Canada.
 \$150 additional fee for section J01

Prerequisite: ODS 116 or PE 193P Intro to Rock Climbing or permission of instructor.

Stacked with ODS/PE 116.

Further the techniques and builds on Rock Climbing I. Introduces leading and following scenarios, a variety of anchors, and multi pitch climbing. Emphasis is on safety, route finding, self rescue, and rope management. Students will practice mock leading.

ODS 444 Expedition Planning and Leadership 2 cr
 79202 Sec J01 Course Dates: 8/30 - 12/15 Wagner, F
 8/30 - 12/15 T,R 6:00p - 7:30p JREC 116
 \$35 additional fee for section J01

Prerequisite: Admission to the BA in Geography and Environmental Studies emphasis in Outdoor Studies, or the BLA Outdoor and Adventure Studies concentration; and advisor approval.

ODS 445 Outdoor Studies Emphasis Capstone 3 cr
 80456 Sec J01 Course Dates: 12/27 - 1/17 Wagner / Krein
 12/27 - 1/17,M,T,W,R,F,S 8:00a - 11:00p FIELD Overnight
 Implements the expedition plan developed by students in ODS 444, Expedition Planning. In 2013, students will travel to Ecuador and participate in an international high altitude mountaineering expedition.
 \$1605 additional fee for section J01

Prerequisite: ODS S444 and admission to the BA or BLA Outdoor Studies emphasis; and advisor approval.

In this final course in the Outdoor Studies emphasis of a BA or BLA program, degree capstone students will lead and evaluate the expedition planned in ODS S444, implementing all relevant technical and theoretical skills developed through four years of Outdoor Studies programming.

ODS 497 IS: Popular Represent of Adven 3 cr
 79615 Sec J01 Course Dates: 8/30 - 12/15 Krein, K
 8/30 - 12/15 - ARR

PADM: Public Administration

PADM 601 Introduction to Public Administration 3 cr
 78030 Sec JD1 Course Dates: 8/30 - 12/15 Dilorenzo, K
 8/30 - 12/15 W 7:00p - 9:45p Distance Sattite
 8/30 - 12/15 W 7:00p - 9:45p EL 104

Prerequisite: Restricted to students admitted to the MPA program or by permission. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order books from MBS at direct.mbsbooks.com/ualaska.htm or call 1-800-325-3252. Students are responsible to order textbooks at least one week prior to the first class to ensure timely receipt of materials. For more information and permission to enroll call 796-6402 in Juneau, or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Introduction to the field of public administration, dealing with the scope, nature, history, current context, and basic tools in the study of public administration. Topics include the social, economic, and political environments of public administration, bureaucratic politics, power and authority, law, ethics, basic models, and comparative administration. This gateway course for the MPA program provides an introduction to graduate studies, library research skills, and a focus on written and oral communication skills.

PADM 604 Research Methods in Administration 3 cr
 78031 Sec JD1 Course Dates: 8/30 - 12/15 Dilorenzo, K
 8/30 - 12/15 R 7:00p - 9:45p Distance Elive
 Prerequisite: Restricted to students admitted to the MPA program or by permission. Course meets online via Elluminate. Internet

and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. Students are responsible to order textbooks at least one week prior to the first class to ensure timely receipt of materials. For more information and permission to enroll call 796-6402 in Juneau, or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: Introductory statistics class.

Introduces basic quantitative and qualitative methods of social science research as applied to policy and administrative problems. Addresses research design, data collection and analysis methods, interpretation and evaluation of published research.

PADM 610 Organizational Theory and Behavior 3 cr

78032 Sec JD1 Course Dates: 8/30 - 12/15 Doctorman, L
9/10 - 12/15 M 7:00p - 9:45p Distance Elive

Prerequisite: Restricted to students admitted to the MPA program or by permission. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Course meets at scheduled times via Elluminate. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. Students are responsible to order textbooks at least one week prior to the first class to ensure timely receipt of materials prior to class. For more information and permission to enroll call 796-6402 in Juneau, or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Presents organization theory and builds practical management skills. Develops a working understanding of how organizational structure and environment relate to the success of an organization, and improves skills critical to leading, managing, and working in an organization, including leadership, individual and group decision-making, personal and group communication, motivation and fostering creativity, and conflict resolution.

PADM 625 Economics and Public Policy 3 cr

78033 Sec JD1 Course Dates: 8/30 - 12/15 Doctorman, L
8/30 - 12/15 T 7:00p - 9:45p Distance Satttle
8/30 - 12/15 T 7:00p - 9:45p EL 104

Prerequisite: Restricted to students admitted to the MPA program or by permission. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. Students are responsible to order textbooks at least one week prior to the first class to ensure timely receipt of materials. For more information and permission to enroll call 796-6402 in Juneau, or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: Microeconomics (ECON S202 or equivalent).

Examines economics both as a determinant of public policy and as a tool of public administration. Topics include how markets allocate resources, the role of government in a market economy, market failures and responses, problems of efficiency vs. equity, and application of microeconomic tools to analysis of Alaska and national policy issues.

PADM 637 Local and Global Sustainability 3 cr

79732 Sec JD1 Course Dates: 8/30 - 12/15 Powell, J
8/30 - 12/15 R 7:00p - 9:45p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Registered students must access UAS-Online at uas.alaska.edu/online for textbook and course information and to edit their personal profile. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. Students are responsible to order textbooks at least one week prior to the first class to ensure timely receipt of materials. For

more information and permission to enroll call 796-6402 in Juneau, or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: Senior or graduate standing, or admission to the MPA program.

Fundamentals and framework for sustainability decision making related to institutional and natural resource and management issues. Using an integrated approach, the nexus of environmental, economic, social and public policy and technology will be examined using sustainability concepts and resilience theory and practice. Readings, case studies and class discussion will focus on effective sustainability management and practice. Case studies of community, national and international scale will be used to illustrate concepts drawn from Alaska, Canada, the U.S., Scandinavia, Europe, and Asia.

PADM 671 ST: Public Policy 3 cr

78034 Sec JD1 Course Dates: 8/30 - 12/15 Diloranzo, K
9/10 - 12/15 M 7:00p - 9:45p Distance Satttle

8/30 - 12/15 M 7:00p - 9:45p EL 104

Prerequisite: Restricted to students admitted to the MPA program or by permission. Requires Internet and e-mail. Registered students access UAS-Online at uas.alaska.edu/online for textbook and course information, and to edit their personal profile. Course is satellite-delivered. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. Students are responsible to order textbooks at least one week prior to the first class to ensure timely receipt of materials. For more information and permission to enroll call 796-6402 in Juneau, or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

A theoretical and practical analysis of public policies, including theories of policy formulation, with particular emphasis on the political environment of the public and non-profit sectors. Mixed methodologies will be addressed in the analysis of the creation, implementation and evaluation of public policy.

PADM 690 Public Administration Capstone 3 cr

78035 Sec JD1 Course Dates: 8/30 - 12/15 Diloranzo, K
8/30 - 12/15 T 7:00p - 9:45p Distance Elive

Prerequisite: Restricted to students admitted to the MPA program or by permission. Requires Internet and e-mail, microphone and speakers (or earphones). Registered students must access UAS-Online at uas.alaska.edu/online for textbook, Elluminate, and course information, and to edit their personal profile. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. Students are responsible to order textbooks at least one week prior to the first class to ensure timely receipt of materials. For more information and permission to enroll call 796-6402 in Juneau, or 1-800-478-9069 toll-free.

\$75 additional fee for section JD1

Prerequisite: Completion of all other MPA requirements.

Final course in the MPA curriculum. Students review, synthesize and apply concepts and methods learned during the degree program to the evaluation of a public or nonprofit organization. Intended as a program review and assessment tool.

PE: Physical Education

PE 100 Health and Fitness 1 cr

78659 Sec JD1 Course Dates: 9/5 - 10/3 Jones, A
9/5 - 10/3 W 7:00p - 8:00p Distance Elive

Course meets online via Elluminate. Internet and e-mail required. Access this course from UAS-Online at uas.alaska.edu/online. Order books from MBS at direct.mbsbooks.com/u/alaska.htm or call 1-800-325-3252. If unfamiliar in using Elluminate, contact the Help desk at 1-877-465-6400 or www.uas.alaska.edu/helpdesk

prior to the start of class for a tutorial. For more information call 1-907-796-6533.

\$55 additional fee for section JD1

The course is an investigation of fitness and health: Body structure and functions, emotional and social health, environmental impact on health, sound nutrition, prevention and treatment of childhood illness and common health problems, and media influences.

PE 103 Aquatic Aerobics 1 cr

78956 Sec T01 Course Dates: 9/5 - 10/26 Turner, T
9/5 - 10/26 M,W,F 9:30a - 10:30a SITKA Bms

Class consists of an aerobic workout done to music in the pool. It is designed to develop and / or maintain cardiovascular respiratory fitness and endurance as well as increase flexibility, muscular strength, endurance and coordination. Non-swimmers are welcome.

\$55 additional fee for section T01

78957 Sec T02 Course Dates: 10/29 - 12/21 Turner, T
10/29 - 12/21 M,W,F - SITKA Bms

Class consists of an aerobic workout done to music in the pool. It is designed to develop and / or maintain cardiovascular respiratory fitness and endurance as well as increase flexibility, muscular strength, endurance and coordination. Non-swimmers are welcome.

\$55 additional fee for section T02

Pass/Fail grading.

Instruction, practice and activity under supervision in individual activities such as diving, tennis, racquetball/handball, swimming, golf, track and field. May be repeated for credit.

PE 103 Physical Activity: Cardio Dance 1 cr

77835 Sec J06 Course Dates: 8/31 - 11/16 Polumsky / McCormick / Mabry / Belec
8/31 - 11/16 F 5:10p - 7:15p JREC 106

\$35 additional fee for section J06

Pass/Fail grading.

Latin dance, step aerobics, hi-lo, kickboxing, line dancing, and more! Circuits, intervals, resistance training and cardio components in every class. Designed to work for all levels of fitness and expertise.

PE 103 Physical Activity: Core Performance/Conditioning 1 cr

77659 Sec J01 Course Dates: 9/20 - 11/15 Polumsky, F
9/20 - 11/15 T,R 9:45a - 11:15a JREC 106
9/20 - 11/15 T,R 9:45a - 11:15a JREC 102

\$35 additional fee for section J01

Pass/Fail grading.

Designed to personalize performance in specific sports. Includes a total fitness program with emphasis on core exercises.

PE 103 Physical Activity: Gentle Yoga 1 cr

77668 Sec J09 Course Dates: 8/30 - 12/15 Davis, T
8/30 - 12/15 W 5:30p - 7:10p JREC 106

\$35 additional fee for section J09

Pass/Fail grading.

Presents safe alignment of basic yoga postures that strengthen and stretch the entire body. Focus is on breath awareness and relaxation. No experience required and modifications will be presented for all ability levels.

PE 103 Golf 1 cr

80082 Sec T11 Course Dates: 9/8 - 10/20 Rennie, J
9/8 - 10/20 S 12:00p - 2:00p SITKA

\$20 fee to be paid to Sea Mountain Golf - instructor will have details.

Pass/Fail grading.

Course is designed for the beginner and intermediate golfer and golfers that would like to tune up on their swing. Improve your golf, whether you want to work on putting, driving, pitching or just about anything else. Be more consistent, more accurate, manage your game, improve your swing and lower your score. Course will be held at the driving range and then hit the golf course during the 5th week.

PE 103 Physical Activity: Indoor Cycling 1 cr

77660 Sec J02 Course Dates: 9/19 - 11/14 Polumsky, F
9/19 - 11/14 M,W 5:15p - 6:45p JREC 102

\$35 additional fee for section J02

77661 Sec J03 Course Dates: 9/20 - 11/15 Polumsky, F
9/20 - 11/15 T,R 8:00a - 9:30a JREC 102

\$20 additional fee for non-members JREC.

\$35 additional fee for section J03

Pass/Fail grading.

An indoor cycling and spinning class for beginning and intermediate levels. Students will learn major muscle groups and functions, increase endurance and cardiovascular fitness.

PE 103 Individual Physical Activity: 1 cr

79585 Sec K02 Course Dates: 8/30 - 12/15 Longshore, R
8/30 - 12/15 M,W 6:00p - 7:20p PAUL 516

Pass/Fail grading.

Introduced yoga basics. Emphasis on building core strength, posture and breath and stress reduction.

PE 103L Physical Activity: Basic Firearms Education 2 cr

77672 Sec J11 Course Dates: 8/30 - 12/15 Bowler, B
9/10 - 12/15 M 6:00p - 9:00p JREC 115

10/13 - 10/20 S 8:00a - 5:00p FIELD Day

Requires 4 1/2 hours per week additional lab at the Montana Creek rifle range, dates to be announced.

\$35 additional fee for section J11

How to identify, safely handle, care for and secure firearms found in Alaska. Laws pertaining to firearms use and ownership. Indoor air gun lab; outdoor pistol and shotgun instruction. Minimum enrollment required.

PE 103 Physical Activity: Pilates-Yoga Fusion 1 cr

77667 Sec J10 Course Dates: 8/30 - 12/15 Mabry, K
9/10 - 12/15 M 5:15p - 6:55p JREC 106

Bring a yoga mat if you have one. Loner mats and other props available for general use.

\$35 additional fee for section J10

Pass/Fail grading.

Introduction to basic physical execution of yoga poses and pilates mat work and how to sequence them together to strengthen and stretch all major muscle groups in the body. Benefits include stress release and relaxation, improved core strength and flexibility, and ease of overall functional movement.

PE 103 Physical Activity: Power Pump 1 cr
77663 Sec J05 Course Dates: 9/20 - 11/15 Polumsky, F
9/20 - 11/15 T,R 11:30a - 1:00p JREC 106
\$35 additional fee for section J05

Pass/Fail grading.

A light barbell resistance training total body workout. Students will learn major muscle groups and functions, increase endurance and cardiovascular fitness.

PE 103 Individual Physical Activity: 1 cr
78794 Sec K01 Course Dates: 8/30 - 12/15 Whalen, T
8/30 - 12/15 T,R 8:00a - 9:00a PAUL 515

Pass/Fail grading.

Do you want to be less stressful? Have more peace in your life? Then this meditation-for-beginners course is for you. Using traditional meditation cushions and pads, we will focus on holding our bodies in the proper posture while we sit and meditate. We will explore how to use meditation in order to become more self aware of our thoughts, bodies, and emotions and to learn how to take better care of ourselves and to be more fully alive in the present moment.

PE 103 Weight Training for Women 1 cr
78958 Sec T03 Course Dates: 8/21 - 12/15 Orbison, D
8/21 - 12/15 T,R 10:30a - 11:30a SC 214

Strong women live longer! Students will participate in a variety of muscle toning and resistance activities using hand weights, rubber tubing, stability balls, and body weight. Course is appropriate for women at all fitness levels who are in generally good health. Wear comfortable clothing which allows for range of motion and bring a water bottle.

78959 Sec T04 Course Dates: 8/21 - 12/15 Johnson, A
8/21 - 12/15 T,R 12:00p - 1:00p SC 214

Strong women live longer! Students will participate in a variety of muscle toning and resistance activities using hand weights, rubber tubing, stability balls, and body weight. Course is appropriate for women at all fitness levels who are in generally good health. Wear comfortable clothing which allows for range of motion and bring a water bottle.

Pass/Fail grading.

Instruction, practice and activity under supervision in individual activities such as diving, tennis, racquetball/handball, swimming, golf, track and field. May be repeated for credit.

PE 103 Physical Activity: Yoga I 1 cr
77836 Sec J07 Course Dates: 8/30 - 12/15 Wolf, S
8/30 - 12/15 F 3:00p - 4:50p JREC 106
\$35 additional fee for section J07

Pass/Fail grading.

A stretch and relax program focused on alignment and awareness of areas of tension or weakness. Open to beginners and those more practiced in yoga. Poses used will include options for varying levels. \$20 additional fee for non-members JREC.

PE 103 Physical Activity: Yoga Level I & II 2 cr
77665 Sec J08 Course Dates: 8/30 - 12/15 Wolf, S
8/30 - 12/15 M,W 9:10a - 11:00a JREC 106

Students need to bring a yoga mat or may purchase one from the instructor for \$18. No experience necessary. Those with previous yoga experience will develop and challenge their personal yoga practice.

\$35 additional fee for section J08

Pass/Fail grading.

Basic standing poses, twists, arm balances, backbends, forward bends inversions and sun salutations will be taught. Students will learn the basic elements of pranayama (breathing), anatomy and sanscrit names for poses.

PE 103 Yoga: Beginners Level I 1 cr
78961 Sec T05 Course Dates: 8/30 - 12/15 Johnson, K
8/30 - 12/15 W 12:00p - 1:00p SC 214

Designed to inspire students who are new to yoga and also to welcome those practitioners who are familiar with basic yoga poses. All are welcome to come and deepen their practice and love of yoga! The principles of alignment according to the Anusara style of yoga will be emphasized. These principles bring a freedom that allows the practitioner to explore the poses, or asanas, at a deeper level. The class will cover basic yoga poses and alignment. A sun salutation (simple poses linked) flow will be taught integrating the moves with breath work. Each class will include poses to increase strength, gain flexibility, balance and stamina. There will be some play towards learning simple inversions to get the blood flowing in new directions. Simple techniques for breath work will be taught as well. There is a time at the end of each class for total relaxation and enjoyment. There are props and mats available, however, bringing your own mat is encouraged but not required.

Pass/Fail grading.

Instruction, practice and activity under supervision in individual activities such as diving, tennis, racquetball/handball, swimming, golf, track and field. May be repeated for credit.

PE 103 Yoga: Beginners Level II 1 cr
78960 Sec T06 Course Dates: 8/30 - 12/15 Johnson, K
8/30 - 12/15 M 12:00p - 1:00p SC 214

This class is designed to welcome and support those new to yoga as well as more advanced students who wish to refine their practice. Learn basic asanas (poses) to increase strength, flexibility, balance and relaxation of the mind, body and spirit. Invigorate with simple vinyasa flow, refine with longer held poses to facilitate precise alignment even in the face of injury or imbalance, quiet your mind with restorative postures. Wear comfortable clothing. Bring a yoga mat if you have one.

Pass/Fail grading.

Instruction, practice and activity under supervision in individual activities such as diving, tennis, racquetball/handball, swimming, golf, track and field. May be repeated for credit.

PE 103 Zumba Mix 1 cr
78962 Sec T08 Course Dates: 8/30 - 12/15 Henrie, M
8/30 - 12/15 T,R 5:15p - 6:15p SC 214

Zumba dancing has something for everyone: all shapes, sizes, male and female. It allows you to have fun while safely losing pounds and inches. In addition, it gives you a total body workout unlike any other around. You will quickly find that your stress level is reduced and your energy is increased. Latin rhythms combined with movements like Salsa, Cumbia, Merengue, Rumba, Mambo, Belly Dance, Flamenco, Samba, Tango, Reggatone and of course, Hip Hop. These dance movements work all the muscle groups because of the cardio interval style of the slow and fast rhythms, you will see great results. Zumba is designed to be easy to follow and not to mention the weight loss, muscle toning and other results that get people hooked. With Zumba fitness the fun comes first, the physical benefits follow. This class is open to all levels. Students should wear comfortable shoes and breathable clothing. Bring some water, a towel and be ready to have some FUN!!

Pass/Fail grading.

Instruction, practice and activity under supervision in individual activities such as diving, tennis, racquetball/handball, swimming, golf, track and field. May be repeated for credit.

PE 104 Physical Activity: Argentine Tango I 1 cr
 77673 Sec J01 Course Dates: 8/30 - 12/15 Belec, P
 9/10 - 12/15 M 7:10p - 9:10p JREC 106
 Leather-soled shoes and signing up with a partner are highly recommended.
 \$35 additional fee for section J01
 Pass/Fail grading.

A beginning class in Argentine tango, an improvisational dance, thus completely different from ballroom dancing. Students will begin with learning the unique posture of this dance; the embrace, balance, and movement. Focus will be on the four fundamentals of Argentine Tango - walking, turning stopping and embellishments, with navigation and musicality introduced to further improvisational skills.

PE 104 Physical Activity: Ballroom Dancing I 1 cr
 77674 Sec J02 Course Dates: 8/30 - 12/15 Belec, P
 8/30 - 12/15 T 7:10p - 9:10p JREC 106
 Leather-soled shoes is highly recommended.
 \$35 additional fee for section J02
 Pass/Fail grading.

A beginning class of ballroom dance consisting of Foxtrot, Waltz, Swing, and Latin. Specific steps in each of the dances will be taught, with a focus on leading and following, etiquette and music identification and appreciation.

PE 112 Swiftwater Rescue 1 cr
 77677 Sec J01 Course Dates: 8/31 - 9/3 Aikman, C
 8/31 - 9/3 F 8:00a - 5:00p JREC 115
 8/31 - 9/3 U,M,S 8:00a - 5:00p FIELD Day
 Required Outings: 9/1, 9/2, 9/3. This class meets on Labor Day.
 \$20 fee for non-members JREC.
 \$150 additional fee for section J01
 Pass/Fail grading.

Introduces skills and equipment necessary for safe travel in and on swiftly moving water. Intensive training in river hydrology, rescue equipment and techniques, boat handling, and self and group contact rescues, leading to international certification as a Swiftwater Rescue Technician I. Students must be in good physical condition.

PE 114 Backpacking in Southeast Alaska 2 cr
 77678 Sec J01 Course Dates: 10/9 - 10/21 Shanley, E
 10/9 - 10/21 T,W,R 6:00p - 8:30p JREC 115
 10/13 - 10/14 U,S 8:00a - 11:00p FIELD Overnight
 10/19 - 10/21 U,F,S 8:00a - 11:00p FIELD Overnight
 Required Outings: 10/13-10/14, 10/19-10/21 (overnight).
 \$110 additional fee for section J01

Prerequisite: Students must be in excellent physical condition.
 Pass/Fail grading.

Introduces skills and equipment required for overnight backpacking trips in SE Alaska in non-winter seasons. Covers selection of personal, group, and safety equipment, and introduces contingency plan concepts. Includes strategies for backcountry cooking. Overnight outings are a required component of the course. Students must be in excellent physical condition.

PE 116 Introduction to Rock Climbing 1 cr
 77679 Sec J01 Course Dates: 8/30 - 9/10 Wagner, F
 9/7 - 9/10 U,M,F,S 8:00a - 11:00p FIELD Overnight
 8/30 - 8/30 R 8:00a - 5:00p JREC 115
 Required Outings: 9/7-9/11/12. Students must have a clean criminal record and current U.S. Passport; class involves ferry travel and travel through Canada. \$20 additional fee for non-

members JREC.

\$150 additional fee for section J01

Stacked with ODS/PE 116, ODS/PE 293 J01.
 Pass/Fail grading.

Introduces the basics of rock climbing in both indoor and outdoor settings. Covers risk assessment, hazard evaluation, equipment, climbing techniques, knots, belaying, rappelling, and top rope anchor setup. Students must be in good physical condition.

PE 118 Avalanche Evaluation and Theory I 2 cr
 77680 Sec J01 Course Dates: 11/29 - 12/9 Glude, W
 11/29 - 12/9 T,W,R,F 7:00p - 9:30p JREC 115
 11/29 - 12/9 U,S 8:00a - 9:00p FIELD Day
 Required Outings: 12/1,12/2,12/8,12/9, all day. \$20 fee to non-members JREC.
 \$110 additional fee for section J01

Not stacked with ODS.
 Pass/Fail grading.

Introduces avalanche study, rescue, terrain analysis, snow study and stability evaluation, route finding, decision making, and safe travel. Combines both in-class and field experience as required course components. Students must be in good physical condition.

PE 133 Introduction to Sea Kayaking 2 cr
 77681 Sec J01 Course Dates: 9/18 - 9/30 Behnke, C
 9/18 - 9/30 T,W,R 6:00p - 8:30p JREC 115
 9/22 - 9/23 U,S 8:00a - 9:00p FIELD Day
 9/28 - 9/30 U,F,S 8:00a - 11:00p FIELD Overnight
 Required Outings: 9/22, 9/23, Day 9/28-30/12 overnight.
 Students must be in excellent physical condition. \$20 fee to non-members JREC.
 \$110 additional fee for section J01
 Pass/Fail grading.

Fundamentals of sea kayaking in Alaska. Introduces commonly used equipment and techniques, and the challenges and hazards found in the activity. Instruction in selecting equipment, trip planning, boat handling, paddling, sea strokes, re-entry, rolling and bracing. Emphasizes risk assessment and safety skills. Requires good physical condition, backcountry camping skills, and participation in an overnight outing.

PE 193P ST: Introduction to Fly Tying, Fly Casting and Fly Fishing. 1 cr
 77683 Sec J01 Course Dates: 9/12 - 9/17 Maier, K
 9/12 - 9/17 M,W,R,F 5:30p - 8:00p EG 220
 9/15 - 9/16 U,S 8:00a - 9:00p FIELD Day
 Required Outings: 9/15, 9/16. \$20 fee to non-members JREC.
 \$110 additional fee for section J01

Prerequisite: Current Alaska fishing license and the physical ability to access backcountry streams and lakes.
 Pass/Fail grading.

An introduction to the fundamentals of fly fishing, including basic casting, fly tying, and on-the-water strategies. Emphasis will be placed on the history and ethics at the core of the sport, as well as the basic ecology of local sport fish. Course will include lecture, discussion, and hands-on instruction in the classroom and on the water.

PE 193P ST: Intro to Pack Rafting 1 cr
 77828 Sec J02 Course Dates: 10/1 - 10/8 Wagner, F
 10/8 - 10/8 M 5:30p - 8:30p JREC 116
 10/1 - 10/3 M,W 5:30p - 8:30p JREC 116
 10/5 - 10/5 F 12:00p - 6:00p JREC 116
 10/6 - 10/7 U,S 8:00a - 9:00p FIELD Day

\$20 fee to non-members JREC.
\$110 additional fee for section J02

Pass/Fail grading.

An introduction to the fundamentals of pack rafting. Course will focus on fundamentals, including techniques and strategies for river running and expedition travel.

PE 205 Backcountry Navigation 2 cr

77687 Sec J01 Course Dates: 10/24 - 11/5 Wagner, F

11/5 - 11/5 M 5:30p - 8:30p JREC 116
10/24 - 11/5 W,F 5:30p - 8:30p JREC 116
10/27 - 10/28 U,S 8:00a - 9:00p FIELD Day
11/2 - 11/4 U,F,S 8:00a - 11:00p FIELD Overnight

Lab fee includes a backcountry compass. \$20 fee for non-members JREC.

\$110 additional fee for section J01

Pass/Fail grading.

Covers topics relating to extended backcountry trips and navigation by map and compass. Students acquire skills necessary for planning and carrying out multi-day backpacking trips and learn to use common maps to plan routes through unknown terrain. Students must be in good physical condition. Outings are a required course component.

PE 293P ST: Intro to Scuba Diving 2 cr

77832 Sec J02 Course Dates: 10/2 - 11/18 Sellick, P

11/14 - 11/15 W,R 8:00p - 10:00p DOWN
11/10 - 11/11 U,S 8:00p - 11:00p DOWN
10/2 - 10/2 T 5:30p - 8:30p JREC 115
11/6 - 11/18 T,W,R 5:30p - 8:30p JREC 115
11/17 - 11/18 U,S 8:00a - 9:00p FIELD Day

Required Outings:11/10,11/11: 8:00p-11p, pool plus 11/14, 11/15 from 8:00p-10p, pool; 11/17, 11/18: all day, open water. \$20 fee for non-members JREC. Almost anyone who is in good health with reasonable fitness and able to swim can learn to scuba dive.

Course fee covers most equipment rental, pool rental, and textbook and other materials. Students will purchase mask, snorkel, and fins from the instructor, apx \$200, not covered by course fee.

\$350 additional fee for section J02

80433 Sec J03 Course Dates: 10/2 - 12/2 Sellick, P

11/14 - 11/15 W,R 8:00p - 9:00p DOWN
11/10 - 11/11 U,S 8:00p - 11:00p DOWN
10/2 - 10/2 T 5:30p - 8:30p JREC 115
11/6 - 11/13 T,W,R 5:30p - 8:30p JREC 115
12/1 - 12/2 U,S 9:00a - 8:00p FIELD Day

Required Outings:11/10,11/11: 8:00p-11p, pool plus 11/14, 11/15 from 8:00p-10p, pool; 12/1,12/2: all day, open water. \$20 fee for non-members JREC. Almost anyone who is in good health with reasonable fitness and able to swim can learn to scuba dive.

Course fee covers most equipment rental, pool rental, and textbook and other materials. Students will purchase mask, snorkel, and fins from the instructor, apx \$200, not covered by course fee.

\$350 additional fee for section J03

Pass/Fail grading.

The PADI Open Water Diver course is a complete, carefully structured entry level scuba diving course designed to take you from a non-diver with little or no prior experience to a certified diver. The certification is recognized worldwide and is valid for life, to a maximum depth of 60 feet. The program consists of knowledge development sessions, confined water/pool training dives and open water (sea) dives. During the course you will practice and master the skills that you will need to be a safe and competent diver, with your instructor devoting maximum time to teaching you fun and safe diving techniques.

PE 293P ST: Rock climbing Level 2 1 cr

77830 Sec J01 Course Dates: 8/30 - 9/10 Wagner, F

8/30 - 8/30 R 5:30p - 7:30p JREC 115
9/7 - 9/10 U,M,F,S 8:00a - 11:00p FIELD Overnight

Required Outings: 9/7-9/11/12. Students must have a clean criminal record and current U.S. Passport; class involves ferry travel and travel through Canada.

\$150 additional fee for section J01

Prerequisite: ODS 116 or PE 193P Intro to Rock Climbing or permission of instructor.

Stacked with ODS/PE 116.

Pass/Fail grading.

Further the techniques and builds on Rock Climbing I. Introduces leading and following scenarios, a variety of anchors, and multi pitch climbing. Emphasis is on safety, route finding, self rescue, and rope management. Students will practice mock leading.

PHIL: Philosophy

PHIL 201 Introduction to Philosophy 3 cr

78229 Sec J01 Course Dates: 8/30 - 12/15 Krein, K

8/30 - 12/15 M,W 9:45a - 11:15a EG 223

\$20 additional fee for section J01

78796 Sec KD1 Course Dates: 8/30 - 12/15 Allen, D

8/30 - 12/15 R 4:30p - 7:20p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdiret.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

Basic concepts, problems and methods as reflected in writings of great philosophers of the Western philosophical tradition.

PHIL 371 Perspectives on the Natural World 3 cr

78230 Sec J01 Course Dates: 8/30 - 12/15 Krein, K

8/30 - 12/15 M,W 3:30p - 5:00p HB 201

\$20 additional fee for section J01

Prerequisite: ENGL 110 (C or higher) or instructor permission.

Explores the concepts of nature and wilderness from historical and contemporary perspectives of both Western and non-Western cultures, and addresses questions concerning the relationship between humans and the natural world. Special consideration is given to issues relating to outdoor and adventure recreation. Requires participation in overnight class outings.

PHIL 397 IS: 20th Cent Analytic Philos 3 cr

80833 Sec J01 Course Dates: 8/30 - 12/15 Krein, K

8/30 - 12/15 - ARR

PHIL 491 Intern: Teachg Assist 3 cr

80954 Sec J01 Course Dates: 8/30 - 12/15 Krein, K

8/30 - 12/15 - ARR

Pass/Fail grading.

PHYS: Physics

PHYS 102 Survey of Physics

4 cr

78421 Sec J01 Course Dates: 8/30 - 12/15 Sowa, L

8/30 - 12/15 W 1:10p - 4:10p HB 110

8/30 - 12/15 T,R 9:45a - 11:15a HB 201

\$75 additional fee for section J01

Prerequisite: MATH S107 or equivalent.

Concepts and methods of physics for students lacking prior physics study. The course introduces ideas of motion, properties of matter, electricity and heat with laboratory experiences. Emphasis is on the reasoning and techniques used in physics.

PHYS 193 Physical Science for K-8 Teachers

3 cr

79414 Sec JD1 Course Dates: 8/30 - 12/15 Mcmillan Iii, C

8/30 - 12/15 Distance Web
Delivered:

Instructor and students meet synchronously via Elluminate-Live. Assignments and group investigations are posted to blackboard. Requires access to computer with Pentium 2 or better processor, Internet and e-mail, microphone and headset or speakers. Registered students must access UAS-Online at uas.alaska.edu/online for textbook, Elluminate, and course information, and to edit their personal profile. For more information call 796-6402 or 1-800-478-9069 toll-free. Students receive a small kit of lab equipment providing for hands-on investigations. Students are required to read open courseware materials, view videos and interact with virtual lab simulations, all representing the best instructional resources currently available online for teaching and learning science. After reading about a physical science topic and/or viewing a video or demonstration, students perform a collaborative investigation/exploration relating to that topic or concept. Instructor and students then meet via Elluminate-Live to share results, and clarify and amplify the concept.

\$110 additional fee for section JD1

Prerequisite: MATH S205 or Math S206.

Designed to prepare teachers to teach fundamental concepts of physical science to K-8 students. The course is designed around the "Inverted Learning" or "Flipped Classroom" model.

PHYS 211 General Physics I

4 cr

78427 Sec J01 Course Dates: 8/30 - 12/15 Amundson, J

8/30 - 12/15 T 9:10a - 11:50a HB 110

8/30 - 12/15 M,W,F 8:00a - 9:00a HB 113

\$75 additional fee for section J01

78428 Sec J02 Course Dates: 8/30 - 12/15 Amundson, J

8/30 - 12/15 T 1:10p - 4:10p HB 110

8/30 - 12/15 M,W,F 8:00a - 9:00a HB 113

\$75 additional fee for section J02

Prerequisite: High school physics and MATH S200.

Calculus based study of principles of mechanics. Topics include energy, oscillations, sound and fluids.

PSY: Psychology

PSY 101 Introduction to Psychology

3 cr

78323 Sec J01 Course Dates: 8/30 - 12/15 Sesko, A

8/30 - 12/15 T,R 3:00p - 4:30p EG 112

\$25 additional fee for section J01

78797 Sec K01 Course Dates: 8/30 - 12/15 Cruise, M

8/30 - 12/15 M,W 12:00p - 1:20p PAUL 519

78964 Sec T01 Course Dates: 9/4 - 12/15 Morgan, C

9/4 - 12/15 T,R 8:00a - 9:30a SC 202

78965 Sec TD1 Course Dates: 8/30 - 12/15 Lord, D

8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct. Optional Audioconferences: TBA.

\$40 additional fee for section TD1

Prerequisite: ENGL 110 or instructor permission.

An introduction to the fundamentals of general psychology and human behavior. Topics include an overview of the field of psychology, research methods, the brain, lifespan development, perception, consciousness, learning, memory, language, intelligence, motivation, emotion, mental disorders, personality and social behavior.

PSY 250 Lifespan Development

3 cr

78966 Sec TD1 Course Dates: 8/30 - 12/15 Lord, D

8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct. Optional Audioconferences: TBA.

\$40 additional fee for section TD1

78967 Sec TD2 Course Dates: 8/30 - 12/15 Greywolf, I

8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class.

\$40 additional fee for section TD2

Prerequisite: PSY 101 or permission of instructor.

Introduction to the various aspects of development and changes which occur throughout a person's life span. Covers prenatal period, infancy, childhood and adolescence, and early, middle and late adulthood.

PSY 302 Social Psychology

3 cr

78327 Sec J01 Course Dates: 8/30 - 12/15 Sesko, A

8/30 - 12/15 M,W 9:45a - 11:15a EG 220

\$25 additional fee for section J01

Prerequisite: PSY S101 or SOC S101 and upper division standing, or permission.

Examines the behavior of individuals in social situations and why they behave, think and feel as they do in the presence of others. Includes research methods, social perceptions and inferences, stereotyping and prejudice, aggression, attitudes, conformity, obedience, group processes, social and environmental influences on behavior.

PSY 313 Psychology of Women

3 cr

78346 Sec J01 Course Dates: 8/30 - 12/15 Sesko, A

8/30 - 12/15 T,R 11:30a - 1:00p HB 113

\$25 additional fee for section J01

Prerequisite: PSY S101 or permission of instructor.

Examines the impact society and sex roles have on an individual woman's behavior. Students gain knowledge about psychological research and theories about women and gender, and connect these with their own and other women's experiences. Uses a feminist approach to promote empowerment through the development of critical thinking.

PSY 375 Psychology and Law

3 cr

78968 Sec TD1 Course Dates: 8/30 - 12/15 Lord, D

8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct. Optional Audioconferences: TBA.

\$75 additional fee for section TD1

Prerequisite: PSY S101 or instructor permission.

Covers contemporary topics related to the field of psychology. Subjects focus on such areas as: environmental psychology, psychology and religion, stereotyping and prejudice, industrial and organizational psychology, domestic violence, psychology and the media, forensic psychology. May be repeated for credit when content varies.

PSY 440 Learning and Cognition 3 cr
78970 Sec TD1 Course Dates: 8/30 - 12/15 Lord, D
8/30 - 12/15 Distance Web
Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Order books from MBS Direct. Optional Audioconferences: TBA.

\$75 additional fee for section TD1

Prerequisite: PSY S101 plus two additional PSY courses and upper division standing; or instructor permission.

Analysis of major approaches to learning and cognition, including behavioral, social, cognitive, and biological. Classical and operant conditioning, observational learning, skill acquisition, memory, and language.

PSY 497 Ind Study: Research in Social Psychology: 1 - 4 cr
80223 Sec J01 Course Dates: 8/30 - 12/15 Sesko, A
8/30 - 12/15 - ARR

PSY 498 Research in Psychology 3 cr
80844 Sec J01 Course Dates: 8/30 - 12/15 Sesko, A
8/30 - 12/15 - ARR

RUSS: Russian

RUSS 101 Elementary Russian I 4 cr
78213 Sec J01 Course Dates: 8/30 - 12/15 Lelchuk, J
8/30 - 12/15 T,R 5:30p - 7:30p EG 109
\$25 additional fee for section J01

An introduction to basic Russian grammatical structures and vocabulary items with an emphasis on the development of listening and speaking skills.

SOC: Sociology

SOC 101 Introduction to Sociology 3 cr
78329 Sec J01 Course Dates: 8/30 - 12/15 Vess, L
8/30 - 12/15 M,W,F 1:10p - 2:10p EG 112
\$25 additional fee for section J01

78798 Sec KD1 Course Dates: 8/30 - 12/15 Urquhart li, W
8/30 - 12/15 R 1:30p - 2:50p PAUL 303
8/30 - 12/15 R 1:30p - 2:50p Distance Elive

Delivered via web with required elive online meetings. Students in Ketchikan are invited to attend on campus. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to

<http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

Prerequisite: ENGL S110 or instructor permission.

An overview to the essentials of sociology, including its theories and methodology. Explores the relationship between the individual, culture and society, examining how cultural and social forces influence personal experience and group behavior.

SOC 302 Social Psychology 3 cr
78330 Sec J01 Course Dates: 8/30 - 12/15 Sesko, A
8/30 - 12/15 M,W 9:45a - 11:15a EG 220
\$25 additional fee for section J01

78799 Sec KD1 Course Dates: 8/30 - 12/15 Urquhart li, W
8/30 - 12/15 W 1:30p - 2:50p PAUL 303
8/30 - 12/15 W 1:30p - 2:50p Distance Elive

Delivered via web with required elive online meetings. Students in Ketchikan are invited to attend on campus. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information. \$75 additional fee for section KD1

Prerequisite: PSY 101 or SOC S101 and upper division standing, or permission.

Examines the behavior of individuals in social situations and why they behave, think and feel as they do in the presence of others. Includes research methods, social perceptions and inferences, stereotyping and prejudice, aggression, attitudes, conformity, obedience, group processes, social and environmental influences on behavior.

SOC 343 Sociology of Deviant Behavior 3 cr
78348 Sec J01 Course Dates: 8/30 - 12/15 Cusack, C
8/30 - 12/15 T,R 3:00p - 4:30p HB 201
\$25 additional fee for section J01

78802 Sec KD1 Course Dates: 8/30 - 12/15 Urquhart li, W
8/30 - 12/15 M 1:30p - 2:50p Distance Elive
Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$75 additional fee for section KD1

Prerequisite: SOC 101.

A study of the etiology of deviant behavior, both criminal and non-criminal, with an emphasis on the nature of social interaction, and an examination of the social control groups and institutions which deal with deviant behavior. Topics include physical and sexual violence, suicide, mental disorder, heterosexual deviance, homophobia, and illegal drug use.

SOC 375 Current Issues in Sociology: Labor and Social Justice 3 cr
78349 Sec J01 Course Dates: 8/30 - 12/15 Vess, L
8/30 - 12/15 M,W 3:30p - 5:00p EG 114
\$25 additional fee for section J01

Examines labor and social justice struggles, the relationship between institutions (political, economic, and legal systems) and social inequality in a global world. Concepts of social justice are analyzed, and sociology theory is used to understand how class, gender, race, and geographic location can influence economic opportunities and human rights.

SOC 404 Environmental Sociology **3 cr**
 78350 Sec J01 Course Dates: 8/30 - 12/15 Vess, L
 8/30 - 12/15 T,R 9:45a - 11:15a EG 220
 \$25 additional fee for section J01

Prerequisite: SOC S101.

A critical analysis of the interactions between society and the environment from an ecological perspective. Focus is on processes of industrial and economic growth, natural resource development, community change and social impact assessment, environmental values, land use planning, and resource management decision making. Examines comparative perspectives on human relation to, and use of, the natural environment.

SOC 410 Race and Ethnic Relations **3 cr**
 78803 Sec KD1 Course Dates: 8/30 - 12/15 Polanska, K
 8/30 - 12/15 Distance Web
 Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
 \$75 additional fee for section KD1

Prerequisite: SOC S101 and one upper-division sociology class, or instructor permission.

A sociological analysis of the principles and processes that shape relationships among racial and ethnic groups in the U.S. Focus is on the relations among dominant and subordinate groups in the society, using sociological theory to understand the structural factors in intergroup relations.

SPAN: Spanish

SPAN 101 Elementary Spanish I **4 cr**
 78214 Sec J01 Course Dates: 8/30 - 12/15 Dewees, A
 8/30 - 12/15 M,T,W,R 10:20a - 11:20a HB 206
 \$25 additional fee for section J01

78215 Sec J02 Course Dates: 8/30 - 12/15 Dewees, A
 8/30 - 12/15 T,R 3:00p - 5:00p HB 206
 \$25 additional fee for section J02

78216 Sec J03 Course Dates: 8/30 - 12/15 Devis, E
 8/30 - 12/15 M,W 5:30p - 7:30p RC 154
 \$25 additional fee for section J03

78807 Sec KD1 Course Dates: 8/30 - 12/15 Bennett, C
 8/30 - 12/15 M,W 4:30p - 5:50p Distance Elive
 Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.
 \$40 additional fee for section KD1

An introduction to basic Spanish grammatical structures and vocabulary items with an emphasis on the development of listening and speaking skills.

SPAN 201 Intermediate Spanish I **4 cr**
 78217 Sec J01 Course Dates: 8/30 - 12/15 Dewees, A
 8/30 - 12/15 T,R 5:30p - 7:30p EG 218

\$25 additional fee for section J01

78808 Sec KD1 Course Dates: 8/30 - 12/15 Bennett, C
 8/30 - 12/15 T,R 4:30p - 5:50p Distance Elive

Delivered via web with required elive online meetings. Requires access to internet, email, MSWord and microphone/headset. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/ualaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

Prerequisite: SPAN S102 or permission.

A continuation of SPAN 102. Focuses on grammatical structures, vocabulary building and listening/speaking skills with a growing emphasis on reading and writing ability. Conducted in Spanish.

SPAN 202 Intermediate Spanish II **4 cr**
 80652 Sec J01 Course Dates: 8/30 - 12/15 Dewees, A
 8/30 - 12/15 T,R 5:30p - 7:30p EG 218
 \$25 additional fee for section J01

Prerequisite: SPAN S201 or permission of instructor.

A continuation of SPAN 201. Focuses on grammatical structures, vocabulary building and listening/speaking skills with a growing emphasis on reading and writing ability. Conducted in Spanish.

SPAN 293 ST: Spanish for Heritage Speakers **4 cr**
 80650 Sec J01 Course Dates: 8/30 - 12/15 Dewees, A
 8/30 - 12/15 T,R 5:30p - 7:30p EG 218

For students who are accustomed to communicating in Spanish at home and in the community but who have had little formal education in Spanish. Course focuses on grammatical structures and vocabulary building while emphasizing the development of reading and writing skills in Spanish.

SSCI: Social Science

SSCI 101 Self, Culture, and Society **3 cr**
 78333 Sec J01 Course Dates: 8/30 - 12/15 Monteith, D
 8/30 - 12/15 M,W 3:30p - 5:00p EG 225
 \$25 additional fee for section J01

Prerequisite: ENGL 110 (C or better).

An introduction to the fundamental issues and texts of the social sciences. Examines classic and contemporary texts and theories, readings, methods, and issues.

STAT: Statistics

STAT 107 Survey of Statistics **4 cr**
 78971 Sec TD1 Course Dates: 8/30 - 12/15 Liddle, J
 8/30 - 12/15 Distance Web
 Delivered:

Go to <http://www.uas.alaska.edu/sitka/start/> to get started in your distance class. Students must purchase access to the course website located at www.coursecompass.com, which costs \$80. Staff at UAS will send you the syllabus which includes instructions on how to gain access to the website. The website has video lessons, guided practice, audio clips, gradebook, your homework and tests as well as an electronic textbook. This course is online and requires a reliable internet connection and enough memory to support multimedia presentations. Operating System (Windows XP or Vista, Mac OS 10.4 or 10.5) Browser

(Firefox 2.0, Internet Explorer 6 or 7, Safari 2 or 3.1, OR Netscape Navigator 7.2)

\$40 additional fee for section TD1

Prerequisite: MATH S105 (C or higher) or placement into MATH S107.

Descriptive statistics, estimations, statistical tests.

STAT 273 Elementary Statistics 3 cr

78424 Sec J01 Course Dates: 8/30 - 12/15 Hay-Jahans, C

8/30 - 12/15 M,W,F 1:10p - 2:10p EG 108

\$25 additional fee for section J01

78809 Sec KD1 Course Dates: 8/30 - 12/15 Ianuzzi, C

8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day of class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD1

80111 Sec KD2 Course Dates: 8/30 - 12/15 Ianuzzi, C

8/30 - 12/15 Distance Web
Delivered:

Delivered via web. Requires access to internet, email and MSWord. Go to course site at <https://uascentral.uas.alaska.edu/online> prior to first day class for course information. Students must order books; go to <http://bookstore.mbsdirect.net/uialaska.htm> for book information. Call 1-888-550-6177 with questions or for registration information.

\$40 additional fee for section KD2

Prerequisite: MATH S107 (C or better) or equivalent.

Introduction to data analysis, least-squares regression, data production, sampling distributions, probability, confidence intervals, hypothesis testing.

STAT 373 Probability and Statistics 3 cr

78726 Sec J01 Course Dates: 8/30 - 12/15 Buzby, M

8/30 - 12/15 M,W,F 1:10p - 2:10p EG 109

\$25 additional fee for section J01

Prerequisites: MATH 200 (C or better).

A calculus-based course emphasizing theory and applications. Continuous and discrete random variables and their probability distributions, including joint distributions; functions of random variables, including moment-generators; estimations, including Bayesian methods and maximum likelihood; introduction to the study of the power and significance of hypothesis tests.

STAT 401 Regression and Analysis of Variance 4 cr

78425 Sec J01 Course Dates: 8/30 - 12/15 Hay-Jahans, C

8/30 - 12/15 T 8:00a - 9:30a EL 104

8/30 - 12/15 M,R,F 8:00a - 9:30a WB 102

8/30 - 12/15 W 8:00a - 9:30a EL 104

Note: Monday's in EL 104 to serve as computer office hours/help sessions (optional).

\$25 additional fee for section J01

79842 Sec JD1 Course Dates: 8/30 - 12/15 Hay-Jahans, C

8/30 - 12/15 M,T,W,R,F 8:00a - 9:30a Distance

Prerequisite: Instructor approval is required to register for this class. used to serve as coputer office hours and help sessions. This course meets via video conference. The Monday video conference session are optional and are used to serve as coputer office hours and help sessions. Registered students must have access to Internet and e-mail. Access UAS Online at uas.alaska.edu/online for class information, and to edit your

personal profile. Order books from MBS at direct.mbsbooks.com/uialaska.htm, or call 1-800-325-3252, or fax 1-800-499-0143. For more information call 796-6163 or 1-877-465-4827x6163.

\$100 additional fee for section JD1

Prerequisite: STAT S273 or equivalent (C or better) or equivalent (or higher); or instructor permission.

A study of multiple regression including multiple and partial correlation, the extra sum of squares principle, indicator variables, and model selection techniques. Analysis of variance and covariance for multi-factor studies in completely random and randomized complete block designs, multiple comparisons and orthogonal contrasts.

THR: Theater

THR 111 Theatre Appreciation 3 cr

78218 Sec J01 Course Dates: 8/30 - 12/15 Strauser, S

8/30 - 12/15 M,W,F 1:10p - 2:10p HB 113

\$25 additional fee for section J01

Survey of theatre with a focus on artists who contribute to theatrical production viewed within the context of historical styles and development.

THR 219 Musical Theatre Dance 3 cr

78219 Sec J01 Course Dates: 8/30 - 12/15 Adan, R

9/10 - 12/15 M 6:00p - 9:00p HB 113

\$25 additional fee for section J01

THR S219/S419 stacked.

For course description call UAS Humanities Dept at 796-6405.

THR 221 Acting I 3 cr

78220 Sec J01 Course Dates: 8/30 - 12/15 Strauser, S

8/30 - 12/15 M,W 2:30p - 5:00p HB 113

\$25 additional fee for section J01

An introduction to the basics of truthful acting, using prepared and improvised exercises to explore acting techniques. Moment to moment acting, analyzing text for actions and objectives, and application through work on scenes from modern plays. Process-oriented with a final presented scene and/or monologue.

THR 291 Internship 1 - 3 cr

78221 Sec J01 Course Dates: 8/30 - 12/15 Strauser, S

8/30 - 12/15 - ARR

Variable credits 1-3, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements.

THR 294 Practicum 1 - 3 cr

78222 Sec J01 Course Dates: 8/30 - 12/15 Strauser, S

8/30 - 12/15 - ARR

Variable credits 1-3, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements.

Prerequisite: Instructor approval form required.

Participation in drama workshop or lab production as performer or technical staff member. Four hours lab per week required per credit.

THR 419 Musical Theatre Dance 3 cr

78225 Sec J01 Course Dates: 8/30 - 12/15 Adan, R

9/10 - 12/15 M 6:00p - 9:00p HB 113

\$25 additional fee for section J01

Prerequisite: THR S219, S221, or S222.

THR S219/S419 stacked.

For course description call UAS Humanities Dept at 796-6405.

THR 491 Internship 1 - 3 cr

78226 Sec J01 Course Dates: 8/30 - 12/15 Strauser, S

8/30 - 12/15 - ARR

Variable credits 1-3, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements.

THR 494 Theater Practicum 1 - 3 cr

78227 Sec J01 Course Dates: 8/30 - 12/15 Strauser, S

8/30 - 12/15 - ARR

Variable credits 1-3, to be determined at time of registration. Instructor approval form required. See your advisor or faculty to make arrangements.

Instructor approval form required.

Participation in drama workshop or lab production as performer or technical staff member. Four to twelve hours lab per week required.

VTEC: Vocational Technology, NonCred

VTEC 005 VTEC:AHA First Aid/CPR 0 cr

78847 Sec K01 Course Dates: 12/3 - 12/3 Nickerson, N

12/3 - 12/3 M 8:00a - 3:00p RC 201

This course is for students currently enrolled in MT S239 - Master 100 Ton/OUPV.

\$65 additional fee for section K01

79545 Sec K02 Course Dates: 12/8 - 12/8

12/8 - 12/8 S 8:00a - 5:00p ROBT 111

\$65 additional fee for section K02

80535 Sec K03 Course Dates: 8/30 - 8/30 Nickerson, N

8/30 - 8/30 R 8:00a - 3:00p RC 110

For Juneau School District.

\$50 additional fee for section K03

80900 Sec K04 Course Dates: 9/27 - 9/27 Nickerson, N

9/27 - 9/27 R 8:00a - 3:00p RC 201

\$55 additional fee for section K04

American Heart Association First Aid/CPR course.

VTEC 010 VTEC:CNA Clinical/Classrm Hrs 0 cr

80235 Sec K01 Course Dates: 9/13 - 9/17 Withers, M

9/13 - 9/17 U,M,R,F,S 7:00a - 7:00p KETCH

\$750 additional fee for section K01

Student will take this course which will give her the needed 56 clinical hours to meet the Alaska education standard to get certification as a nursing assistant.

VTEC 020 VTEC:Drop In Welding 0 cr

78849 Sec K01 Course Dates: 8/30 - 12/15 Brandow, S

8/30 - 12/15 - HAM 106

\$90 additional fee for section K01

Drop in time for practice projects. Three hours per session. Contact instructor for additional information at 228-4534.

VTEC 023 ST: MSHA New Miner-Surface 0 cr

80343 Sec J01 Course Dates: 9/11 - 9/13 Smith, J

9/11 - 9/13 T,W,R 8:00a - 4:30p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 24 contact hours.

80344 Sec J02 Course Dates: 10/9 - 10/11 Smith, J

10/9 - 10/11 T,W,R 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 24 contact hours.

80345 Sec J03 Course Dates: 11/6 - 11/8 Smith, J

11/6 - 11/8 T,W,R 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 24 contact hours.

80346 Sec J04 Course Dates: 12/4 - 12/6 Smith, J

12/4 - 12/6 T,W,R 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 113. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 24 contact hours.

This course, delivered by Mine Safety and Health Administration (MSHA) approved cooperative instructors, provides 24 hours of classroom instruction designed to train and certify persons who work in a Part 48 surface mine, engaged in the extraction and production process who are regularly exposed to mine hazards; or who is a maintenance or service worker employed or contracted by the operator who works for frequent or extended periods. The course is designed to teach inexperienced new mine workers how to identify and mitigate hazards at a mine site.

VTEC 025 ST: MSHA Refresher-Surface 0 cr

80347 Sec J01 Course Dates: 9/14 - 9/14 Smith, J

9/14 - 9/14 F 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the

course will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 8 contact hours.

80348 Sec J02 Course Dates: 10/12 - 10/12 Smith, J
10/12 - 10/12 F 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 8 contact hours.

80349 Sec J03 Course Dates: 11/9 - 11/9 Smith, J
11/9 - 11/9 F 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 8 contact hours.

80350 Sec J04 Course Dates: 12/7 - 12/7 Smith, J
12/7 - 12/7 F 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 8 contact hours.

This course, delivered by Mine Safety and Health Administration (MSHA) approved cooperative instructors, provides 8 hours of classroom instruction designed to train and certify persons who work in a Part 48 surface mine, engaged in the extraction and production process who are regularly exposed to mine hazards; or who is a maintenance or service worker employed or contracted by the operator who works for frequent or extended periods. The course is designed to refresh experienced mine workers in the identification and mitigation of hazards at a mine site.

VTEC 026 ST: MSHA New Miner-Underground 0 cr

80351 Sec J01 Course Dates: 9/17 - 9/20 Smith, J
9/17 - 9/20 M,T,W,R 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 32 contact hours.

80352 Sec J02 Course Dates: 10/15 - 10/18 Smith, J
10/15 - 10/18 M,T,W,R 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes

are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 32 contact hours.

80353 Sec J03 Course Dates: 11/12 - 11/15 Smith, J
11/12 - 11/15 M,T,W,R 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 32 contact hours.

80354 Sec J04 Course Dates: 12/10 - 12/13 Smith, J
12/10 - 12/13 M,T,W,R 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 32 contact hours.

This course, delivered by Mine Safety and Health Administration (MSHA) approved cooperative instructors, provides 32 hours of classroom instruction designed to train and certify persons who work in a Part 48 underground, engaged in the extraction and production process who are regularly exposed to mine hazards; or who is a maintenance or service worker employed or contracted by the operator who works for frequent or extended periods. The course is designed to teach inexperienced new mine workers how to identify and mitigate hazards at a mine site.

VTEC 027 ST: MSHA Refresher-Underground 0 cr

80355 Sec J01 Course Dates: 9/21 - 9/21 Smith, J
9/21 - 9/21 F 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 8 contact hours.

80356 Sec J02 Course Dates: 10/19 - 10/19 Smith, J
10/19 - 10/19 F 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 8 contact hours.

80357 Sec J03 Course Dates: 11/16 - 11/16 Smith, J
11/16 - 11/16 F 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership

between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 8 contact hours.

80358 Sec J04 Course Dates: 12/14 - 12/14 Smith, J
12/14 - 12/14 F 7:00a - 4:00p TEC 133

For more information or to register call (907) 796-6045. Loc: Juneau TEC 133. This class is offered through a partnership between UAS School of Career Education and UA Statewide's Mining and Petroleum Training Services (MAPTS). The classes are free through grant funding from the Alaska Department of Labor and Workforce Development. Students attending the course on the first day of class will be registered by Career Education staff. There will be no students registered through other departments, online registration, or via any UAS registration process. This course will result in 8 contact hours.

This course, delivered by Mine Safety and Health Administration (MSHA) approved cooperative instructors, provides 8 hours of classroom instruction designed to train and certify persons who work in a Part 48 surface mine, engaged in the extraction and production process who are regularly exposed to mine hazards; or who is a maintenance or service worker employed or contracted by the operator who works for frequent or extended periods. The course is designed to refresh experienced mine workers how to identify and mitigate hazards at a mine site.

VTEC 029 VTEC: Mine Laborer Training 0 cr
80359 Sec J01 Course Dates: 9/17 - 10/12 Smith, J
9/17 - 10/12 M,T,W,R,F,S 7:00a - 6:00p TEC 133

VTEC 031 VTEC:Basic Safety Trng Refresh 0 cr
78850 Sec K01 Course Dates: 8/30 - 12/15

\$650 additional fee for section K01

This is a refresher class and students are expected to pass all exams and competencies required for Basic Safety Training. There will be one evening session at the pool and one day will be spent at the fire station. Students will be required to complete physical competencies, both in the pool and at the fire station and will be required to sign a release of liability. Students must be clean shaven to complete the fire training.

VTEC 032 VTEC:Crowd Management AMHS 0 cr
80820 Sec K03 Course Dates: 10/26 - 10/26 Hastings, B
10/26 - 10/26 F 1:00p - 5:00p HAM 101

For AMHS employees and will be paid through contract.

VTEC 032 VTEC:Rope Making Seminar 0 cr
79518 Sec K02 Course Dates: 10/2 - 10/4 Bartos, L
10/2 - 10/4 T,W,R 6:30p - 8:30p HAM 101
\$35 additional fee for section K02

Taught by master sailmaker and historian Louis Bartos, this seminar will focus on the basics of rope making. There will be a brief discussion of rope history, structure and terminology as well as the different types of ropes and fibers. Students will learn rope making techniques and create their own natural fiber line using a rope machine.

VTEC 032 VTEC:Towing Apprentice Mate 0 cr
78851 Sec K01 Course Dates: 12/5 - 12/6 Nickerson, N
12/5 - 12/6 W,R 8:00a - 5:00p RC 201
\$375 additional fee for section K01

This course is for mariners seeking a license as Apprentice Mate (Steersman) of towing vessels. Any student successfully completing the course will satisfy the Coast Guard exam requirements of 46 CFR 10.205(i) for original issuance or 46 CFR 10.209(c)(iii) for renewal of a license as Apprentice Mate of towing vessels or Mate of towing vessels.

VTEC 035 VTEC:Radar 1 Day Renewal 0 cr
78854 Sec K02 Course Dates: 10/12 - 10/12 Nickerson, N
10/12 - 10/12 F 8:00a - 5:00p RC 201
One day radar renewal course for mariners.
\$195 additional fee for section K02

VTEC 035 VTEC:Radar 1-3 Day Renewal 0 cr
78853 Sec K01 Course Dates: 12/11 - 12/13 Miller, D
12/11 - 12/13 T,W,R 8:00a - 5:00p ROBT 118
\$195 additional fee for section K01
Radar Renewal course for mariners.

VTEC 039 VTEC:Online Radar Refresher 0 cr
78852 Sec K01 Course Dates: 8/30 - 12/15 Miller, D
8/30 - 12/15 -
8/30 - 12/15 Distance Web
Delivered:
\$195 additional fee for section K01

Study at your own pace. The online material covers everything you need to know to pass the final exam. When ready, make an appointment to take the final exam in Ketchikan or Juneau. Student can register any time during the semester and has access to the online study material for 30 days after date of registration. For more information go to www.steadyoncourse.com and view the introduction to the course.

VTEC 042 Energy Cents: Energy Savings Through Behavior Awareness 0 cr
80808 Sec J01 Course Dates: 9/17 - 9/19 George, M
9/17 - 9/19 M,T,W 8:00a - 4:30p ARR
For more information or to register call (907) 796-6045. Loc: Juneau THRA WX Training House.

Awareness of how our personal actions impact the somewhat hidden energy costs within our homes. This 20 hour training will instruct participants how to determine the base load electrical consumption of their homes, how to read an electrical meter, checking for phantom electrical usage and measuring plug loads in our homes.

WELD: Welding Tech

WELD 120 Basic Welding 3 cr
77597 Sec J01 Course Dates: 10/16 - 12/6 Ramsey, G
10/16 - 12/6 T,R 6:00p - 10:30p WTE Weld
\$150 additional fee for section J01
80552 Sec K02 Course Dates: 8/30 - 10/25 Brandow, S
8/30 - 10/25 M,T,W,R 8:00a - 12:00p HAM 106
\$300 additional fee for section K02

A beginning level course covering the fundamentals of oxyacetylene welding, brazing and cutting, and electric arc welding. Emphasis in flat and horizontal welding positions on mild steel using a variety of welding rods and techniques.

WELD 120 Basic Welding**3 cr**

77598 Sec TP1 Course Dates: 8/30 - 12/15 Bullick, A
 8/30 - 12/15 - JD Hs
 \$75 additional fee for section TP1

77600 Sec TP5 Course Dates: 8/30 - 12/15 Brown, D
 8/30 - 12/15 - OT Wran
 \$75 additional fee for section TP5

A beginning level course covering the fundamentals of oxyacetylene welding, brazing and cutting, and electric arc welding. Emphasis in flat and horizontal welding positions on mild steel using a variety of welding rods and techniques.

WELD 160 Welding Orientation Lab**3 cr**

78827 Sec K01 Course Dates: 8/30 - 9/27 Brandow, S
 8/30 - 9/27 M,T,W,R 8:00a - 12:00p HAM 106
 \$100 additional fee for section K01

78973 Sec T01 Course Dates: 9/18 - 12/15 Puckett, A
 9/18 - 12/15 T,R 6:30p - 9:00p SC Hangar
 Student Insurance: \$4.55
 \$205 additional fee for section T01

79853 Sec T80 Course Dates: 8/27 - 10/19 Puckett, A
 8/27 - 10/19 M,T,W,R,F 1:15p - 2:35p SC Hangar

79854 Sec T81 Course Dates: 10/22 - 12/20 Puckett, A
 10/22 - 12/20 M,T,W,R,F 2:40p - 4:00p SC Hangar

Orients students to general welding. Includes developing safe practices, learning about the work environment, and procedures applicable to the cutting and welding of metals.

WELD 161 Welding Preparation, Quality, and Oxyfuel Cutting**3 cr**

78828 Sec K01 Course Dates: 10/1 - 10/31 Brandow, S
 10/1 - 10/31 M,T,W,R 8:00a - 12:00p HAM 106
 \$350 additional fee for section K01

78974 Sec T01 Course Dates: 9/18 - 12/15 Puckett, A
 9/18 - 12/15 T,R 6:30p - 9:00p SC Hangar
 Student Insurance: \$4.55
 \$205 additional fee for section T01

79855 Sec T80 Course Dates: 8/27 - 10/19 Puckett, A
 8/27 - 10/19 M,T,W,R,F 1:15p - 2:35p SC Hangar

79856 Sec T81 Course Dates: 10/22 - 12/20 Puckett, A
 10/22 - 12/20 M,T,W,R,F 2:40p - 4:00p SC Hangar

Prerequisite: WELD S160 or instructor permission.

Introduces students to the safety requirements of oxyfuel cutting. Identifies the equipment and setup requirements, and explains how to work with oxyfuel equipment. Introduces the process of cleaning and preparing all types of base metals for cutting or welding. Students learn the codes that govern welding and how to identify welding imperfections and their causes.

WELD 162 Shielded Metal Arc Welding Basics**3 cr**

78829 Sec K01 Course Dates: 11/1 - 12/10 Brandow, S
 11/1 - 12/10 M,T,W,R 8:00a - 12:00p HAM 106
 \$350 additional fee for section K01

78975 Sec T01 Course Dates: 9/18 - 12/15 Puckett, A
 9/18 - 12/15 T,R 6:30p - 9:00p SC Hangar
 Student Insurance: \$4.55
 \$205 additional fee for section T01

79857 Sec T80 Course Dates: 8/27 - 10/19 Puckett, A
 8/27 - 10/19 M,T,W,R,F 1:15p - 2:35p SC Hangar

79858 Sec T81 Course Dates: 10/22 - 12/15 Puckett, A
 10/22 - 12/15 M,T,W,R,F 2:40p - 4:00p SC Hangar

Prerequisite: WELD S161 or instructor permission.

Introduces students to shielded metal arc welding (SMAW) operation and safety. Develops welding skills in making stringer, weave, overlapping beads, fillet welds.

WELD 163 Shielded Metal Arc Welding: Groove Welds**3 cr**

79876 Sec T01 Course Dates: 9/18 - 12/15 Puckett, A
 9/18 - 12/15 T,R 6:30p - 9:00p SC Hangar
 Student Insurance: \$4.55
 \$200 additional fee for section T01

79859 Sec T80 Course Dates: 8/27 - 10/19 Puckett, A
 8/27 - 10/19 M,T,W,R,F 1:15p - 2:35p SC Hangar

79860 Sec T81 Course Dates: 10/22 - 12/20 Puckett, A
 10/22 - 12/20 M,T,W,R,F 2:40p - 4:00p SC Hangar

81052 Sec T02 Course Dates: 10/1 - 12/20 Puckett, A
 10/1 - 12/20 M,T,W,R,F 2:40p - 4:00p SC Hangar
 \$200 additional fee for section T02

Prerequisite: WELD S162 or instructor permission.

Continues shielded metal arc welding (SMAW) operations, developing skills in groove welds with backing. Also introduces the concepts of fit-up and alignment.

WELD 175 Selected Topics in Advanced Welding**3 cr**

78830 Sec K02 Course Dates: 8/30 - 10/25 Brandow, S
 8/30 - 10/25 M,T,W,R 8:00a - 12:00p HAM 106
 To be arranged with instructor, call 228-4534.
 \$300 additional fee for section K02

78977 Sec T01 Course Dates: 9/18 - 12/15 Puckett, A
 9/18 - 12/15 T,R 6:30p - 9:00p SC Hangar
 Student Insurance: \$4.55
 \$205 additional fee for section T01

79870 Sec T80 Course Dates: 8/27 - 10/19 Puckett, A
 8/27 - 10/19 M,T,W,R,F 1:15p - 2:35p SC Hangar

79871 Sec T81 Course Dates: 10/22 - 12/20 Puckett, A
 10/22 - 12/20 M,T,W,R,F 2:40p - 4:00p SC Hangar

80991 Sec T82 Course Dates: 10/22 - 12/20 Puckett, A
 10/22 - 12/20 M,T,W,R,F 1:15p - 2:35p SC Hangar

80992 Sec T83 Course Dates: 8/27 - 10/19 Puckett, A
 8/27 - 10/19 M,T,W,R,F 2:40p - 4:00p SC Hangar

Prerequisite: WELD S120 or instructor permission.

Designed for advanced welders to further their skills in one or more processes and levels. Topics may include aluminum welding, sheet welding, shield metal arc welding, pipe welding, flux-core arc welding, or other to be announced. May be repeated for credit when content varies.

WELD 175 Selected Topics in Advanced Welding**3 cr**

80550 Sec K03 Course Dates: 8/30 - 12/15 Brandow, S
 8/30 - 12/15 M,T,W,R 8:00a - 12:00p HAM 106
 This course focuses on aluminum welding
 \$300 additional fee for section K03

Prerequisite: WELD S120 or instructor permission.

Designed for advanced welders to further their skills in one or more

processes and levels. Topics may include aluminum welding, sheet welding, shield metal arc welding, pipe welding, flux-core arc welding, or other to be announced. May be repeated for credit when content varies.

WELD 193 ST:Welder Qualifications **1 cr**
78832 Sec K01 Course Dates: 8/30 - 12/15 Brandow, S
8/30 - 12/15 - HAM 106
\$300 additional fee for section K01
Pass/Fail grading.

WELD 193 ST:Pile Splicg w/Flux Core Wre **1 cr**
78831 Sec K01 Course Dates: 8/30 - 12/15 Brandow, S
8/30 - 12/15 - HAM 106
\$350 additional fee for section K01
Entry-level skills with flux core wire.

This course will cover the preparation of piling for splicing, fitting and welding backing rings and welding splice with self-shielded flux core wire. Hot sticking completed weld will also be covered.

WELD 260 Introduction to Advanced Welding Techniques **3 cr**
78978 Sec T01 Course Dates: 9/18 - 12/15 Puckett, A
9/18 - 12/15 T,R 6:30p - 9:00p SC Hangar
Student Insurance: \$4.55
\$200 additional fee for section T01

79872 Sec T80 Course Dates: 8/27 - 10/19 Puckett, A
8/27 - 10/19 M,T,W,R,F 1:15p - 2:35p SC Hangar

79873 Sec T81 Course Dates: 10/22 - 12/20 Puckett, A
10/22 - 12/20 M,T,W,R,F 2:40p - 4:00p SC Hangar

Prerequisite: AWS Level I certification or instructor permission.

Introduces students to the different types of welding symbols, identifies and explains detailed drawings, and explains how to use notes on drawings and bills of materials. Also covers air and plasma arc cutting, and introduces students to gas metal arc and flux cored arc weld

WELD 263 Gas Tungsten Arc Welding **3 cr**
78979 Sec T01 Course Dates: 9/18 - 12/15 Puckett, A
9/18 - 12/15 T,R 6:30p - 9:00p SC Hangar
Student Insurance: \$4.55
\$200 additional fee for section T01

79874 Sec T80 Course Dates: 8/27 - 10/19 Puckett, A
8/27 - 10/19 M,T,W,R,F 1:15p - 2:35p SC Hangar

79875 Sec T81 Course Dates: 10/22 - 12/20 Puckett, A
10/22 - 12/20 M,T,W,R,F 2:40p - 4:00p SC Hangar

Prerequisite: WELD S262 or instructor permission.

Introduces students to equipment set up and safety for gas tungsten arc welding (GTAW). Explains procedures to perform multiple positions and types of welds using GTAW. Completion of this course qualifies the student to seek AWS Level II certification.