Introduction to scientific methodology and biological principles with a focus on humans as biological organisms. Topics include organization of the human body, human genetics, human development and the relationship between our bodies and health. Includes lecture, discussion, lab and projects. May not be used as biology elective credit for a major in biological sciences. Note: Intended for non-science majors and those seeking preliminary instruction before beginning study in health-related areas. Note: Available through Northwest and Rural campuses.

Prerequisites: Placement in WRTG F111X; placement in DEVM F105.

Attributes: UAF GER Natural Science Req
Lecture + Lab + Other: 3 + 3 + 0
Integrated view of human structure and function. Provides a foundation in relevant chemistry, cell biology, histology and unifying concepts. Covers integumentary, skeletal, muscular and nervous systems.

Prerequisites: Placement in WRTG F111X; placement in DEVM F105.
Attributes: UAF GER Natural Science Req
Lecture + Lab + Other: 3 + 3 + 0
Numbers and data help us understand our society. In this course, we develop mathematical concepts and tools to understand what numbers and data can tell us. Topics may include the mathematics of elections and voting, modeling population growth, financial mathematics, polls and surveying, and introductory probability and descriptive statistics. Note: This course may be taken independently from Math F114X, and both courses can be taken for credit in either order.

Prerequisites: An appropriate score on the math placement test, or DEVM F105, DEVM F105N, or DEVM F105J.

Attributes: UAF GER Mathematics Req

Lecture + Lab + Other: 3 + 0 + 0
MATH F152X UI1 CRN 76356, 3 credits

8/26/19-12/3/19
Tue 5:30PM-8:30PM

Lorinda Fattic
lfattic@alaska.edu
(907) 474-5443

A study of trigonometric functions including graphing, identities, inverse trigonometric functions, solving equations and polar coordinates; applications. Note: Only eight credits total may be earned from MATH F151X, MATH F152X and MATH F156X.

Prerequisites: MATH F151X (may be taken concurrently) or placement.
Attributes: UAF GER Mathematics Req
Lecture + Lab + Other: 3 + 0 + 0
Elementary set theory, numeration systems, and algorithms of arithmetic, divisors, multiples, integers and introduction to rational numbers. Emphasis on classroom methods. Restricted to Elementary Education majors; others by permission of instructor.

Prerequisites: MATH F122X; or MATH F151X; or MATH F156X; or placement.

Lecture + Lab + Other: 3 + 1 + 0
Develops college writing and reading strategies. Reviews sentence and paragraph structure as part of the development of essays. Emphasizes revision techniques for essays and critical reading in academic contexts. A grade of C or higher in this course qualifies students for WRTG F110. On completing this course students may retake Accuplacer for placement into WRTG F111X.

Prerequisites: Placement into WRTG F090, or a grade of C or higher in WRTG F080, or DEVE F060 and DEVS F052.

Lecture + Lab + Other: 4 + 0 + 0
An introduction to writing strategies and processes for reading and responding to rhetorical situations across a variety of public and academic contexts.

Prerequisites: Placement into WRTG F111X.

Lecture + Lab + Other: 3 + 0 + 0
FALL 2019
Construction Trades Technology
Fairbanks Courses

CTT F130 II1: Introduction to Facility Maintenance
CRN: 77393  Tuition: $237  Credits: 1
When: Sept. 30-Oct. 3, 2019  Time: 8am-12pm  Instructor: Ryan Ford

CTT F131 II1: Interior Repairs
CRN: 77394  Tuition: $237  Credits: 1
When: Sept. 30-Oct. 4 2019  Time: Mo-We: 1pm-5pm; Th: 1pm-4pm; Fr: 8am-9am
Instructor: Ryan Ford

CTT F132 II1: Flooring Installation
CRN: 77395  Tuition: $237  Credits: 1
When: October 3-5, 2019  Time: Th: 4pm-5pm; Fr: 9am-5pm; Sa: 8am-5pm
Instructor: Ryan Ford

CTT F133 II1: Cabinet Installation
CRN: 77396  Tuition: $237  Credits: 1
When: October 7-9, 2019  Time: Mo-Tu: 8am-5pm; We: 8am-12pm   Instructor: Ryan Ford

CTT F151 II1: Introduction to Plumbing Tools and Drawings
CRN: 77397  Tuition: $237  Credits: 1
When: Oct. 28-Nov. 1, 2019  Time: 8am-12pm  Instructor: Michael Hirt

CTT F153 II1: Plastic and Copper Pipe and Fittings
CRN: 77398  Tuition: $237  Credits: 1
When: Oct. 28-Nov. 1, 2019  Time: 1pm-5pm  Instructor: Michael Hirt

Required textbook for CTT F130, F131, F132 and F133:
CTT Facilities Maintenance Guide v1, ISBN 1269792199, $120.75
Available at the UAF Bookstore: www.bkstr.com

To Register/ Information:
Interior Alaska Campus
(888) 474-5207 or (907) 474-5439
www.uaf.edu/iac or on Facebook

Classes count toward an Occupational Endorsement and/or Certificate

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www.alaska.edu/titleIXcompliance/nondiscrimination

All classes held at the IAC Campus
810 Draanjik Drive, Fairbanks, AK
CTT F130 IT1: Introduction to Facility Maintenance
CRN: 78242  Tuition: $237  Credits: 1
Date: September 23-26, 2019  Time: Mon-Thur, 8am-12pm
Instructor: Judd Rutledge

CTT F131 IT1: Interior Repairs
CRN: 78243  Tuition: $237  Credits: 1
Date: September 23-27, 2019  Time: Mon-Wed: 1pm-5pm; Thur: 1pm-4pm & Fri: 8am-9am
Instructor: Judd Rutledge

CTT F132 IT1: Flooring Installation
CRN: 78247  Tuition: $237  Credits: 1
Date: September 26-28, 2019  Time: Thur 4pm-5pm & Fri: 9am-5pm & Sat: 8am-5pm
Instructor: Judd Rutledge

CTT F133 IT1: Cabinet Installation with Countertops
CRN: 78248  Tuition: $237  Credits: 1
Date: Sept 30-Oct 2, 2019  Time: Mon-Tues 8am-5pm & Wed: 8am-12pm
Instructor: Judd Rutledge

CTT F137 IT1: Appliance Troubleshooting and Repair, Toyo
CRN: 78249  Tuition: $424.00  Credits: 2
Date: October 7-12, 2019  Time: Mon Audio: 1pm-2pm; & Face-to-Face: Tues-Thur: 8am-5pm; Fri 8am-12 pm & Sat Audio: 1pm-2pm
Instructor: Judd Rutledge


To register/information about funding opportunities:
Crystal Wilson or Danielle Ott
Interior Alaska Campus, Tok Center
(800) 478-2773 or (907) 883-5613

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CTT F250 IF1: Basic Weatherization
CRN: 78405    Tuition: $237    Credits: 1    Instructor: Ryan Ford
When: Tue-Fri, October 29-November 1, 2019    Time: 8am-12pm
This course will provide students with basic theory in weatherization. Students will learn how to use a blower door to evaluate a structure. Instructor will introduce the components of the structure that make the individual systems (Foundation, wall/roof, Windows/doors, mechanical, electrical) and how individual systems work together to make the structure. Introduction of tools and materials used in weatherization to address areas of deficiency.

CTT F250 IF2: Door and Window Installation
CRN: 78406    Tuition: $237    Credits: 1    Instructor: Ryan Ford
When: Tue-Fri, October 29-November 1, 2019    Time: 1pm-5pm
This course is an introduction to installing windows and doors. Students will be instructed in the skills and trade techniques utilized to installing windows/doors along with finish casing and window trim work. Course will identify Rough Openings (R.O.) and how to size a R.O. to windows and doors. Course will look at types of windows/doors and their uses in the structure. Course will introduce tools needed to install doors/ windows and casing used in installation.

Required textbook for both classes is available at the UAF Bookstore: www.bkstr.com

CTT Facilities Maintenance Guide v1, ISBN 1269792199, $120.75

To register/ information about funding opportunities:
IAC Yukon Flats Center
Coordinator: Michael Hardy
(800) 709-8566 or (907) 662-2521
mhardy1@alaska.edu

Classes count toward an Occupational Endorsement and/or Certificate

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