

Articulation Agreement

2019-2020

University Alaska Fairbanks

Interior Alaska Campus

810 Draanjik

Fairbanks, Alaska 99709

Yukon Flats School District

Po Box 350

Ft. Yukon, Alaska 99740

Purpose:

In addition to the current Tech Prep Agreement between University of Alaska Fairbanks and Yukon Flats School District, we have agreed to add the following course that is within CRCD Construction Trades Technology programs.

1. Yukon Flats School District will follow a UAF Construction Trades Technology curriculum in coordination with the administration and faculty of the University of Alaska Fairbanks pertaining to the following courses on the course below.
2. Yukon Flats School District will teach for the attached outcomes.
3. The attached syllabus will follow the learning outcomes of the university-approved course listed.

UAF Course Number	UAF Course Title	Number of UAF Credits	Yukon Flats School District Course Title
CTT 130	Intro to Facilities	1 Credit	Intro to Facilities

1. The attached syllabus will be followed.
2. Yukon Flats School District will provide necessary support for students to be successful in this course which may include computer support, reference books and academic assistance.
3. Interior Alaska Campus will process the registrations.
4. In order to receive concurrent credit, the student will register for the Tech Prep class during the semester in which the competencies will be completed.

Approvals:

Mike Hirt

Construction Trades Technology

Program Head

Interior Alaska Campus

University of Alaska Fairbanks

DocuSigned by:

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Signature Date

Bryan Uher

Director

University of Alaska Fairbanks

Interior Alaska Campus

Fairbanks, Alaska

Gerald Andrew

Voc Ed Center

Yukon Flats School District

Ft. Yukon, Alaska

DocuSigned by:



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Signature Date


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Signature Date

Kevin Illingworth  
Acting Dean-College of Rural and
Community Development
P.O. Box 6500
University of Alaska Fairbanks
Fairbanks, AK 99775-6500

DocuSigned by:
 March 28, 2019
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Signature Date

Anupma Prakash, 
Provost and Executive Vice Chancellor
P.O. Box 7580
University of Alaska Fairbanks
Fairbanks, AK 99775-7580

DocuSigned by:
 May 17, 2019
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Signature Date

UNIVERSITY OF ALASKA FAIRBANKS
College of Rural and Community Development
Construction Trades Technology (CTT)

Interior – Aleutians Campus
Harper Building, P.O. Box 756720 Fairbanks, Alaska 99775-6720

COURSE SYLLABUS

Course Title:	Introduction to Facilities Maintenance
Course No:	CTT 130
Credits:	1 (.5+1)
Prerequisites:	None
Instructor:	James Ryan Ford
Office Hours:	by appointment
Location:	Ft. Yukon
Dates:	02/21-02/28/2019
Times:	08:30-16:30
Text:	<i>Basic Safety from Core Curriculum: Introductory Craft Skills. Training Guide, Fourth Edition NCCER.</i>

Course Description:

This course will provide students with basic safety instruction of hand/ power tool and chemical use in the facilities maintenance occupation in accordance with Federal OSHA regulations. The students will be instructed in the safe work practices of Personal Protective Equipment (PPE) requirements. The safety concepts of the course support awareness of job-site hazards and protections, such as lockout/tag out and hazardous communications. Students will become familiar with the application of safety requirements as it relates to facilities maintenance.

Course Goals:

Students will acquire fundamental knowledge and practical experience related to facilities maintenance and safe work practices. Students' understanding and familiarity with safety concepts and applications will support village construction.

Instructional Methods:

Instructional method will be a combination of face-to-face instruction/lecture, small group discussions, and practical application in the field. Classroom environment may consist of work tables/desks, overhead projector/LCD projector; wipe boards, TV/VCR, and standard instructional equipment dealing with power tools, PPE, and MSDS.

Student Outcomes:

Upon completion of the course students should be able to:

Students should be able to:	Evaluated by:
1. Demonstrate knowledge of PPE, safe work practices, correct use of hand and power tool, and safe use of chemicals used in the facilities maintenance occupation.	Readings, group discussions, and small practical application.
2. Identify manufactures safety specifications with professional workmanship and ethical standards.	Readings, relevant group activities
3. Identify Material Safety Data Sheets (MSDS) as related to supplies used in the industry.	Relevant activities and small class projects
4. Demonstrate, under instructor supervision, the replacement of different saw blades, drill bits, and the correct use of PPE.	Class tasks, group activities and class evaluation discussions
5. Explain safety practices and ethical practices related to safety in the workplace.	Readings, class discussions and proper applications

Course Evaluation:

A letter grade will be issued for participants who successfully complete the course.

% of Total	Grade
91 to 100%	A letter grade
81 to 90%	B letter grade
71 to 80%	C letter grade
60 to 70%	D letter grade
59% and below	F letter grade

Total points for the course will be assigned and weighted based on the following:

Attendance/ Participation	10%
Student Activities/Practice	30%
Return Demonstration for Skill Mastery.....	40%
Final Exam.....	20%

Day of Activity	Activity
Day 1	<ul style="list-style-type: none"> • Introduction of students, instructor, syllabus, community needs, evaluation process, reading material, and proper handling of special tools. • Importance of Safety • Accidents: Causes and Results • Hazard Recognition, Evaluation and Control • Elevated Work and Fall Protection •
Day 1	<ul style="list-style-type: none"> • Instructor's demonstrations of basic PPE, safe use of hand and power tool. • Students practice safe use of tools. • Personal Protective Equipment • Hazard Communication Standard Job-Site Exposures • Instruction/application safety practices and ethical practices related to facilities maintenance. • Relevant practice of identifying MSDS safety procedures when handling chemicals.
Day 2	<ul style="list-style-type: none"> • Introduction to Hand Tools • Hammers • Ripping Bars and Nail Pullers • Screwdrivers • Pliers and Wire Cutters • Wrenches • Rules and Other Measuring Tools • Levels • Squares • Chalk Lines • Saws • Clamps • Shovels • Pick • • Continue work on concepts and applications listed above using student activates and group work.
Day 2	<ul style="list-style-type: none"> • Introduction to Power Tools • Electric, Pneumatic and Hydraulic Tools

	<ul style="list-style-type: none"> • Power drills • Saws • Final exam for students and course evaluation for instructor.
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Attendance/Participation (10%) means the student is in class, has read the required material, and is active participating in the classroom session.

Student Activity/Practice (30%) means a group of students will practice the safe handling of equipment that deals with hazardous substance (donning and doffing) following manufactures guidelines. Students will discern between acute and chronic hazards according to Occupational Safety and Health Administration (OSHA), Department of Transportation (DOT), and National Fire Protection Association (NFPA).

Return Demonstration (40%) means under the observation of the instructor, the students will be expected to select Proper Protective Equipment (PPE) according to anticipated hazard, and demonstrate donning and doffing of selected PPE. Students will also select a Material Safety Data Sheet (MSDS) and demonstrate knowledge of health and safety requirements. Students will understand the difference between acute and chronic hazards according to Occupational Safety and Health Administration (OSHA), Department of Transportation (DOT), and National Fire Protection Association (NFPA).

Exam (20%) is the evaluation tool the instructor will use to determine final mastery of a skill.

Course Calendar:

TBA

Course Policies:

Students are expected to arrive ready to actively participate in discussion of safe work practices, applications, and activities. Attendance is a critical component of this course and students must be on time and prepared for the course material.

Support Services:

The instructor is available upon appointment for additional assistance outside normal session/class hours.

UAF Disabilities Services for Distance Students:

UAF has a Disability Services office that operates in conjunction with the College of Rural and Community Development (CRCDD) campuses. Disability Services, a part of UAF's Center for Health and Counseling, provides academic accommodations to enrolled students who are identified as being eligible for these services.

If you believe you are eligible, please visit <http://www.uaf.edu/chc/disability.html> on the web or contact a student affairs staff person at your nearest local campus. You can also contact Disability Services on the Fairbanks Campus at (907) 474-7043, fydso@uaf.edu.

Every qualified student is welcome in my classroom. As needed, I am happy to work with you, disability services, veterans' services, rural student services, etc to find reasonable accommodations. Students at this university are protected against sexual harassment and discrimination (Title IX), and minors have additional protections. As required, if I notice or am informed of certain types of misconduct, then I am required to report it to the appropriate authorities. For more information on your rights as a student and the resources available to you to resolve problems, please go the following site:
www.uaf.edu/handbook/