

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 153	Plastic and Copper Pipe and Fittings	1 Credit	Plastic and Copper Pipe and Fittings

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:



March 25, 2019

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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:



March 25, 2019

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Signature

Date

DocuSigned by:



May 3, 2019

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Signature

Date

Kevin Illingworth

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Acting Dean-College of Rural and

Community Development

P.O. Box 6500

University of Alaska Fairbanks

Fairbanks, AK 99775-6500

DocuSigned by:

Kevin Illingworth

March 28, 2019

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Signature

Date

Anupma Prakash,

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JS

Provost and Executive Vice Chancellor

P.O. Box 7580

University of Alaska Fairbanks

Fairbanks, AK 99775-7580

DocuSigned by:

Anupma Prakash

May 17, 2019

7C84F2807C864A7...
Signature

Date

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

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

COURSE SYLLABUS

Course Title:	Plastic and Copper Pipe and Fittings
Course No:	CTT 153
NCCER Module/s No.:	02106-05
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>NCCER Plumbing Trainee Guide Level 1</i> Published Prentice Hall or equivalent course handout related to topics covered.

The (NCCER) National Center for Construction Education and Research is a nationally recognized standard curriculum for more than 37 different crafts such as carpentry, electrical, plumbing, HVAC, insulating, pipeline maintenance, welding, heavy equipment operations, field safety, and construction management.

Course Description:

This course will provide students practical experience with methods in measuring, cutting, and joining piping; adapting these techniques to various pipe material (copper and plastic) using the approved National Plumbing and Local Building codes. Students will be instructed in plumbing blueprints and diagrams; locating and installing piping in residential and commercial areas. Instructor will follow proper safety practices.

Course Goals:

Students will acquire knowledge and practical experience with methods in measuring, cutting, and joining copper and plastic piping. Instruction will include the proper care, maintenance, and safety procedures of piping. Students' understanding and familiarity with these plumbing 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, drawings, and blueprints.

Student Outcomes:

Upon completion of the course students should be able to:

Students should be able to:	Evaluated by:
1. Demonstrate knowledge and use of safety and ethical practices related to plumbing with various hand and power tools used in the plumbing trade.	Relevant activities, small class projects, and reading
2. Identify, interpret, and follow aspects of plumbing blueprints/diagrams to locate/install piping in residential and commercial areas.	Readings, class discussions relevant group activities
3. Demonstrate correct methods in measuring, cutting, and joining copper pipe; adapting these techniques to various pipe material using the approved National Plumbing and Local Building codes	Readings, small class projects
4. Demonstrate proper knowledge and use of joining copper and plastic pipes utilizing manufacturing specifications.	Relevant activities and small class projects

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 Activity/Practice.....	30%
Return Demonstration for Skill Mastery.....	30%
Exam.....	30%

Course Calendar:

Day of Activity	Activity
Day 1	Introduction of students, instructor, syllabus, community needs, evaluation process, reading material, and proper handling of special plumbing tools. Instructor's demonstrations of methods in measuring, cutting, and joining piping using correct care, and safety procedures. Student activities/practice with tools.
Day 2	Practical application and group exercises for students measuring, cutting, and joining piping; adapting these techniques to various pipe material (copper and plastic) using safe methods of hand/power tools.
Day 3	Instruction and practical application in interpreting and following plumbing blueprints and diagrams in measuring, cutting, and joining pipe. Group activities that support knowledge in following blueprints and drawing to locate and install piping in residential and commercial areas. Final exam and instructor evaluation.

Course Policies:

Students are expected to arrive ready to actively participate in discussion of advance plumbing 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:

I encourage students with documented disabilities, including nonvisible disabilities such as chronic diseases, learning disabilities, head injury, attention deficit/hyperactive disorder, psychiatric disabilities, to discuss with me, after class or during my office hours, possible reasonable accommodations.

For more information, please visit <http://www.uaf.edu/disability/> or contact a student affairs staff person at your nearest local campus.

You can also contact Disability Services on the Fairbanks Campus at (907) 474-5655 or TTY (907) 474-1827, uaf-disabilityservices@alaska.edu

Professional Conduct:

The following ground rules apply to all students and are designed to ensure a classroom environment conducive to learning for all students:

- **Come to class awake, sober and alert. The use of alcohol, drugs or tobacco products is not allowed in the classroom. Do not attend class with the smell of or under the influence of drugs or alcohol.**
- **If you come to class impaired by drugs or alcohol you will be asked to leave the class for the first offense, and your behavior will be documented. If a second offense occurs, you will be asked to leave the class immediately and your behavior will be referred to UAF Student Conduct for alleged policy violations. Additionally, you may be interim restricted from returning to class pending the outcome of the student conduct process. Students found responsible for policy violations may be removed from the course.**

Students who engage in disruptive classroom behavior will be asked to leave the classroom for the first offense, and the behavior will be documented. If the disruptive behavior continues, it will be reported to UAF Student Conduct.

- **Disruptive behavior includes, but is not limited to, arriving late to class without explanation; leaving class early without explanation; sleeping in class; use of cell phone during instruction except for emergency purposes; being under the influence of drugs or alcohol; harassment, bullying, and verbal or physical threats to another student or to the instructor.**

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/