

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 Welding and Materials Technology program.

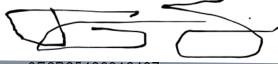
1. Yukon Flats School District will follow a UAF Welding and Materials Technology curriculum in coordination with the administration and faculty of the University of Alaska Fairbanks pertaining to the following courses on the course below.
2. Yukon Flats School District will teach for the attached outcomes.
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
WMT F150	Gas Tungsten Arc Welding	2 Credit	Gas Tungsten Arc Welding

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:

Anthony Simko
Associate Professor
Welding and Materials Technology
Department Chair
Community and Technical College
University of Alaska Fairbanks

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April 15, 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:

April 1, 2019
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Signature Date

DocuSigned by:

May 3, 2019
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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

Michele Stalder
Dean-Community and Technical College
604 Barnette Street
University of Alaska Fairbanks
Fairbanks AK 99701

DocuSigned by:

April 15, 2019
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Signature Date

DocuSigned by:

April 15, 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 20, 2019
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Signature Date

Course Syllabus
Gas Tungsten Arc Welding – WMT F150
UAF - Fort Yukon - YFSD - CTE

Term:	2019 Spring
Course Title:	Gas Tungsten Arc Welding (GTAW)
Dept. & Num:	WMT F150
Credits:	2
Prerequisites:	None
Dates:	03/21-03/27/2019
Days & Times:	8am-5pm
Location:	Yukon Flats School District – CTE Center
Instructor:	Jack Simpson
Position:	Adjunct Instructor
Phone:	907-841-5219
Fax:	907-662-6044
Email:	jsimpson@mtaonline.net
Hours Available:	By Appointment
Text:	Handout will be issued
Supplemental Readings:	NCCER Welding Level 1, Lincoln, Victor, OSHA and other manufacturers' information.
Supplies:	Appropriate clothing: student <u>must</u> wear cotton pants without holes, cotton shirt, leather work boots. YFSD will supply required safety and protective clothing.

Course Description:

Students will learn and use the GTAW process to weld aluminum and stainless steel. This is an entry level gas tungsten arc welding class concentrating on aluminum for fabrication and repair.

Course Goals:

Students will become knowledgeable and skilled in the GTAW processes. Successful students will become entry level proficient in GTAW skills. Students will be encouraged to compete in the SkillsUSA competition.

Student Learning Objectives:

Students Shall Be Able To...	Evaluated By...
<ul style="list-style-type: none"> • Work safely in the welding environment through the understanding of safety procedures and applications related to the GTAW processes. <p>Understand GTAW fundamentals:</p> <ul style="list-style-type: none"> • Demonstrate safety procedures for GTAW. • Properly setup, adjust and ignite an GTAW apparatus. • Develop proper hand, eye coordination to perform the process. • Develop proper body position that best supports a satisfactory outcome • Become proficient in all welding positions. 	Instructor

Course Syllabus
Gas Tungsten Arc Welding – WMT F150
UAF - Fort Yukon - YFSD - CTE

Instructional Methods:

- Lectures
- Demonstrations

Course Calendar:

Sessions	Topics To Be Covered	Assignments, Quizzes, Tests
Class 1 2 Hours	<ul style="list-style-type: none"> • Welcome, Introduction • Job Market outlook, careers • Introduce welding shop safety • Skills USA 	
Class 2 9 Hours	<ul style="list-style-type: none"> • Safety continued • Issue students PPE • Issue shop safety equipment • Lecture on GTAW Fundamentals • Demonstration on GTAW • Student practice 	Quiz 1 Safety test #1
Class 3 9 hours	<ul style="list-style-type: none"> • Safety review on GTAW • Lecture on GTAW welder process and operation • Demonstration on GTAW • Student practice 	Quiz 2 Safety test #2
Class 4 9 Hours	<ul style="list-style-type: none"> • Critique on Safety GTAW practice • Lectures on GTAW welders • Lectures on GMAW positions • Demonstrations on GTAW • Student practice 	Quiz 3
Class 5 9 Hours	<ul style="list-style-type: none"> • Critique on Safety GTAW practice • Q&A Session • Intro to advanced welding processes • Individual Proficiency Exam 	Quiz 4 Safety test #4
Class 6 9 Hours	<ul style="list-style-type: none"> • Review safety in all processes • Finish demonstrations • Finish Proficiency exams • Student practice in all areas • Clean up shop • Final 	Final exam

Course Syllabus
Gas Tungsten Arc Welding – WMT F150
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Course Policies:

1. Students must conduct themselves honestly & responsibly, & to respect the rights of others.
2. Attendance is mandatory.
3. Late assignments are not accepted without prior approval of instructor.
4. The instructor reserves the right to amend this course outline as needed.
5. No food or drink is allowed in the computer lab.

Final Exam:

Written and practical exam

Evaluation:

Breakdown of grading by percentage:

Attendance	10%
Quizzes	10%
Safety	10%
On Task Welding	40%
Individual Proficiency Exam	10%
Final	20%

Grading Policy: Letter Grades

A	93-100%	B-	80-82%	D+	67-69%
A-	90-92%	C+	77-79%	D	63-66%
B+	87-89%	C	73-76%	D-	60-62%
B	83-86%	C-	70-72%	F	Below 60%

Pass/Fail: YFSD students must achieve a 70% or better to pass this class for YFSD.

Support & Disability Services:

University of Alaska Fairbanks
Interior Alaska Campus
PO Box 756720
Fairbanks, AK 99775
Toll Free 888-474-5207
Phone 907-474-5439
Fax 907-474-5208

Students can also go to the following websites and/or hotlines for help:

- UAF – <http://www.uaf.edu>
- College of Rural & Community Development – <http://www.uaf.edu/rural/>
- Bristol Bay Campus – <http://www.uaf.edu/bbc/index.html>
- UA Online – <http://uaonline.alaska.edu/>
- Math Hotline – 866-823-6284
- Writing Center – <http://www.alaska.edu/english/studentresources/writing/>

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- Library Services for Off Campus Students – <http://library.uaf.edu/offcampus>

Disclosures:

UAF is an AA/EO employer and educational institution.

The University of Alaska Fairbanks is accredited by the Northwest Commission on Colleges and Universities. UAF is an affirmative action/equal opportunity employer and educational institution.

You may confidentially disclose and access confidential counseling by contacting the UAF Health and Counseling Center at 907-474-7043. You can get support and file a Title IX report by contacting the UAF Title IX coordinator at 907-474-7599. You may file a criminal complaint by contacting the UAF Police Department at 907-474-7721.

From Disability Services: UAF is obligated to provide accommodation only to the known limitations of an otherwise qualified student who has a disability. Please identify yourself to UAF Disability Services by applying for accommodations. To be considered for UAF Disability Services accommodations, individuals must be **enrolled for at least one credit** as a UAF student. For more information contact Disability Services at uaf-disabilityservices@alaska.edu, 907-474-5655 or by TTY at 907-474-1827.

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/disability> 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 907-474-5655, by email at uaf-disabilityservices@alaska.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/