



Statewide Articulation Agreement Alpena Community College

And

State Approved Career and Technical Education Programs in Michigan

The purpose of this agreement is to facilitate the transition of students from a high school occupational and/or Career and Technical Education (CTE) program to **ALPENA COMMUNITY COLLEGE**. This agreement is offered for all State approved Career and Technical Education programs in Michigan

General conditions and requirements:

1. Student must apply for articulated credit at ACC within two years of high school graduation
2. Student must complete the Application for Articulated Credit and attach an official high school transcript showing the completion of the appropriate course and send both documents to Alpena Community College registrar's office
3. Student must complete the secondary career technical education course competencies with a "B" or better final grade
4. Student must be accepted to Alpena Community College before articulated credit can be processed

Aligned/Articulated Courses:

Michigan Career Pathway (Secondary): Engineering/Manufacturing and Industrial Technology

Federal Career Cluster (Secondary): Transportation, Distribution and Logistics

PSN from CTEIS: (Use individual schools PSN in MEGS)

| State Approved Secondary Program Name | |
|---------------------------------------|---------|
| Welding, Brazing and Soldering | |
| CIP Code Number | 48.0508 |

Articulated Program

| Postsecondary Program Name | |
|----------------------------|---------|
| Welding Fabrication | |
| CIP Code Number | 48.0508 |

| Local Secondary Course | Segment |
|--------------------------------|---------|
| AWS Entry Level Welder Level I | |

Articulated Course

| Postsecondary Courses | Course Number | College Credits |
|---------------------------|---------------|-----------------|
| Welding Processes | MET 123 | 4 |
| Welding Processes | MET 124 | 4 |
| TOTAL PS Credits possible | | 8 |

Articulated Course

| Local Secondary Course | Segment |
|--------------------------|---------|
| D1.1 Welding Certificate | |

Articulated Course

| Postsecondary Courses | Course Number | College Credit |
|---------------------------|---------------|----------------|
| Welding Processes | MET 123 | 4 |
| Total PS Credits possible | | 4 |

Alpena Community College will award articulated credit to students for the secondary program according the condition/requirements as outlined in this agreement. Articulated credit applies to degrees and certificates. This agreement is valid until date of expiration. Attached to this agreement is a 2+2 program of study for this agreement.

| Michigan Career and Technical Education | Postsecondary Institution | |
|--|---|-------|
| Michigan Department of Education Career and Technical Education 608 W. Allegan Street P.O. Box 30008 Lansing, Michigan 48909 | Alpena Community College 665 Johnston Street Alpena, MI 49707 | |
| | _____ | _____ |
| | Tim Ratz Welding Instructor | Date |
| | _____ | _____ |
| | Roy Smith Chairperson for Industrial Technology Programs | Date |
| | _____ | _____ |
| | Kathleen Marsh Vice President for Academic and Student Affairs | Date |

For the purposes of students enrolling and receiving articulated credit, this agreement remains effective for two additional years after expiration date to permit student access to agreed upon credits.

| For office use only | | | |
|---------------------|--|-----------------|--|
| Implementation Date | | Expiration Date | |

Articulation Agreement

2+2 Program of Study

School
Year: 2014-2017

State-Approved CTE Program
Name: Welding, Brazing and Soldering
Secondary Program CIP Code
Number: 48.0508
PSN from
CTEIS: _____

| Freshman – 9 th grade | Sophomore – 10 th grade | Junior – 11 th grade | Senior – 12 th grade |
|----------------------------------|-------------------------------------|---|---------------------------------|
| English 9 | English 10 | English 11 | English 12 |
| Algebra I | Geometry | Algebra II | Math Credit |
| US History/Geography | World History/Geography | Economics/Government | Science Credit |
| PE/Health | Visual, Performing and Applied Arts | Career Tech Center – Welding, Brazing and Soldering | |
| Biology | Physics or Chemistry | | |
| World Language | World Language | | |
| | | | |

Community College/Associate
Degree: Welding Fabrication
State-Approved CTE/Occupational Program Postsecondary CIP
Code Number: 48.0508

| Grade 13 | | Grade 14 | |
|--|--|--------------------------|--------------------------|
| 1 st Semester | 2 nd Semester | 1 st Semester | 2 nd Semester |
| MFG 101 Machining Processes I (4 credits) | MET 240 Gas Tungsten Arc/Pipe Welding (4 credit) | | |
| MFG 120 Pring Interpretation & Processes (3 credits) | MET 124 Welding Processes (4 credits) *** | | |
| MTh 110 (3 credits) | CAD Elective (3 credits) | | |
| MET 123 Welding Processes (4 credits) *** | MET 242 (3 credits) | | |
| MET 200 (3 credits) | | | |

*** Articulated Course