

College High School Partnership Articulated College Credit (ACC) Agreement

www.CTEcreditMn.com

Articulated College Credit Agreement:

Through Articulated College Credit (ACC), specific college curriculum learning outcomes and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school course. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed below requiring the course in a specific program.

Agreement Name: **Blueprint Reading for Welders – Lab**
Agreement Reviewed/Revised: **2021 – 2022**

These credits are valid for students in grades 10-12 for 5 years from the completion of this course.

College(s)	College Course(s)	College Programs	Articulated College Credit
Anoka Technical College	WELD 1001 – Blueprint Reading I – Lab	Welding (A.A.S.- 66 cr.; Diploma - 34 cr.; Cert. – 17 cr.)	1 credit of 1 credit

Course Description:

Application of blueprint reading will be used to weld fabrication projects which include use of Gas Metal Arc Welding (GMAW), shielded Metal Arc Welding (SMAW), Gas Tungsten Arc Welding (GTAW) and Oxy-fuel cutting and brazing. (Prerequisites: None) (1 credit lecture/0 credits lab)

Curriculum Learning Outcomes:

100% of the curriculum learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s).

Outline of Major Content Areas: 1) Basic blueprint application and fabrication

Learning Outcomes:

- Explain different types of dimensioning
- Demonstrate placement of welds on fabrication project.
- Determine the position of welding for groove and fillet welds on plate and pipe.

Assessments:

To obtain Articulated College Credit, students must complete the course examinations and assignments at their high school with an **80% or higher**.

**Recommended Industry-Recognized Certification
or Comprehensive Assessment – High School & College**

Certification/ Assessment	Vendor	Other Information
To Be Determined		