Minnesota
Articulated College Credit Agreement
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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 courses. 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   **Architectural Drafting**
Agreement Reviewed/Revised   **2024 – 2025**

These credits are valid in the college programs listed below for students in grades 9-12 for 5 years upon completion of the high school course(s).

College	College Course	College Program	ACC
Hennepin Technical College	ARCH 1008 – Architectural Residential Technology I	*Architectural Technology (A.A.S. – 72 cr.)	2 credits of 5 total credits (1 credit lecture; 1 credit lab)

Agreement Description

This course introduces the process of designing and drafting residential construction drawings while applying drafting standards, codes, and design principles. The student will produce construction drawings for a single-family home.

Program Outcomes Addressed in Course

- Demonstrate proficiency using CAD software and related computer tools
- Produce residential construction drawings

Learning Outcomes

40% of the course learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s).

In order to offer the 2 college credits to students, high school instructors should meet the course outcomes listed below. They do not necessarily need to meet with a specific software. Revit, AutoCAD, or Chief Architect software may be used.

- Define Architectural Technology Career paths
- Translate field dimensions to architectural scale plans
- Describe the benefits of site locations
- Draft site plan to scale
- Analyze site/building orientation and environmental design strategies
- Demonstrate residential code compliance
- Develop conceptual bubble diagrams
- Develop functional floor plan room relationships
- Define stair terminology
- Identify stair shapes
- Calculate stair risers and run
- Apply kitchen design standards
- Apply bath design standards
- Demonstrate sheet layout skills
- Implement architectural graphic standards to produce construction drawings

*Revit is used in this Hennepin Technical College course.

Course Assessments
A score of **80% or better** in the course is required to qualify for Articulated College Credit.

For More Information
For an overview of the Architectural Technology program at Hennepin Technical College, Eden Prairie campus, go to:
https://www.hennepintech.edu/programs/overview/Architectural_Technology

A description of the program and its courses including this articulated college course are explained in detail at this link.

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

Certification/ Assessment	Vendor	Other Information
To Be Determined		