

Minnesota

Articulated College Credit Agreement

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Articulated College Credit (ACC) 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 Materials & Methods
Agreement Reviewed/Revised	2024 – 2025

These credits are valid for students in grades 9-12 for 5 years from the completion of this course.

College	College Course	College Program	Articulated College Credit
Hennepin Technical College	ARCH 1203 – Residential Materials & Methods of Construction I	*Architectural Technology (A.A.S. – 72 cr.)	1 credit of 3 total credits

Agreement Description

The student studies building science and technology used in wood and light-gauge steel frame residential construction. Topics to be covered include foundations, floor systems, wall framing, ceiling/roof framing, and interior and exterior finish materials and methods of construction. Students will prepare residential construction specifications and estimate material costs.

Program Outcomes Addressed in Course

- Demonstrate knowledge of the materials and methods used in construction
- Apply building codes and construction standards

Learning Outcomes

40% of the curriculum learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s). To receive credit, students will master of the following learning outcomes:

- Describe foundation construction
- Explain erosion control measures
- Analyze site conditions
- Describe floor construction systems
- Illustrate roof construction detail
- Identify stair terms and components
- Identify window types and styles
- Identify door types and styles
- Identify thermal and moisture protection
- Compare qualities of finish materials
- Select finish materials
- Describe construction details
- Organize items by Construction Specifications Institute (CSI) division in project specifications
- Estimate material costs

Course Assessments

Students who earn a final grade of **80% or better** in the course is required to qualify for Articulated College Credit.

Recommended Industry-Recognized Certification or Comprehensive Assessment – College

Certification/ Assessment	Vendor	Other Information
Construction Trades Foundation	Precision Exams	http://www.precisionexams.com/minnesota/files/standards-pdfs/(510)ks.pdf
Basic Principles of Construction – Industry Certification	NOCTI – Home Builders Association	www.nocti.org

Recommended Industry-Recognized Certification or Comprehensive Assessment – High School

Certification/ Assessment	Vendor	Other Information
Construction Trades Foundation	Precision Exams	http://www.precisionexams.com/minnesota/files/standards-pdfs/(510)ks.pdf

For More Information

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