

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 **Building Principles: Exterior Finishes**
Agreement Reviewed/Revised

These credits are valid for students in grades 9-12 for 2 years upon high school graduation.

College	College Course	College Program	ACC
Hennepin Technical College	CARP 1240 – Exterior Finishes	*Residential Remodeling & Design (A.A.S. – 60 cr.) *Carpentry (Diploma – 36 cr.)	2 credits of 4 credits – (30 hours lecture & lab)
South Central College	Exterior Finish CARP 1229	*Carpentry (Diploma – 34 cr.)	1 credit of 2 total credits
Rochester Community & Technical College	Exterior Finishing CR 1637	*Carpentry (Diploma – 32 cr.)	1 credit of 4 total credits

Agreement Description

This course will introduce students to various types of exterior finishing techniques. Students will obtain knowledge of different types of roofing, siding, and cornice products. An emphasis will be placed on expediting the installation techniques for each facet of exterior finishes.

Curriculum Learning Outcomes

50% 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 the following learning outcomes in the course:

1. Investigate various roof-covering products
2. Estimate material requirements
3. Compare fastening methods
4. Determine the roof surface integrity
5. Identify flashing requirements
6. Apply roof covering
7. Identify siding materials

8. Demonstrate the use of various siding tools
9. Practice cutting techniques
10. Describe siding techniques
11. Install siding products
12. Apply air barrier
13. Identify cornice materials and styles
14. Analyze detail drawings
15. Install soffit and fascia
16. Prepare, install, or demonstrate doors and windows
17. Identify exterior finishes
18. Practice safe construction techniques

Course Assessments

Students who earn a final grade of **80% or better** in the course is required to qualify for Articulated College Credit. Students will need to register for the college class but at a lowered tuition rate.

Recommended Industry-Recognized Certification or Comprehensive Assessment – College

Certification/ Assessment	Vendor	Other Information
OSHA 10-Hour Construction Industry Certification	OSHA Education Center	www.oshaeducationcenter.com
OSHA 30-Hour Construction Industry Certification	OSHA Education Center	www.oshaeducationcenter.com
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
CareerSafe OSHA 10-Hour Safety Industry Credential	CareerSafe	https://www.skillsusa.org/programs/careersafe-online-safety-training/
SP2 Construction Certification	SP2	https://sp2.org/construction-schools
Construction Trades Foundation	Precision Exams	http://www.precisionexams.com/minnesota/files/standards-pdfs/(510)ks.pdf