

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 **Medium/Heavy Truck – Technology Fundamentals**

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 Programs	ACC
Hennepin Technical College	MHTT 1002 Truck Technology Fundamentals	<ul style="list-style-type: none">• Medium/ Heavy Truck Technology (A.A.S. – 94 cr.)• Medium/ Heavy Truck Maintenance Technician (Diploma – 43 cr.)	1 of 2 credits

Course Description

This course is designed to give the student an understanding of various types of trucks and truck components. Personal and shop safety along with tool and hardware identification and fundamental repair skills will be addressed. This course will also cover the characteristics of hazardous waste and its safe handling, storage, and disposal.

Curriculum Learning Outcomes

To receive one (1) out of two (2) college credits, students will master 100% of the learning outcomes.

1. Demonstrate shop safety practices
2. Demonstrate the use of hand tools
3. Measure components using precision tools
4. Access service information
5. Identify vehicle components

Reference Textbook

Please go to www.hennepintech.edu for the most recent text.

Additional Information

The scheduled hours of instruction include sixteen hours for each lecture credit, thirty-two hours for each lab credit, and forty hours for each credit of supervised occupational experience (SOE). Lecture credit may include formal or impromptu lectures, demonstrations, or discussions with the entire class or with small groups or individuals. Refer to the Credit Details section of this course outline for the credit breakdown.

Course Assessments

*A score of **80% or better** is required to qualify for Articulated College Credit.

Recommended Industry-Recognized Certifications Or Comprehensive Assessments

Certifications/Assessments	Vendor	Further Information
SP2 – Heavy-Duty/ Diesel Technology Safety	SP2/Fusion	https://sp2.org/heavy-duty-business/
SP2 – Automotive Service Safety	SP2/Fusion ⁱ	https://sp2.org/automotive-schools