

Minnesota  
Articulated College Credit Agreement  
[www.CTEcreditMn.com](http://www.CTEcreditMn.com)

---

**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 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: Medium/ Heavy Truck Technology – Vehicle Service**

**Agreement Reviewed/Revised: 2023 - 2024**

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

College	College Course	College Programs	Articulated College Credit
Hennepin Technical College	MHTT 1020 – Vehicle Service	*Medium/ Heavy Truck Technology (A.A.S. – 94 cr.) *Medium/ Heavy Truck Maintenance Technician (Diploma – 43 cr.)	1 credit of 3 total credits

**Course Description**

This course is designed to give the student an understanding of preventive maintenance, service, adjustment, and inspection of medium and heavy-duty trucks. This course will cover the characteristics of hazardous wastes and its safe handling, storage, and disposal.

## Learning Outcomes

80% of the curriculum learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s).

To receive one (1) out of three (3) college credits, credit, students will master 100% of the learning outcomes.

1. Demonstrate personal and environmental safety practices
2. Identify preventive maintenance procedures
3. Implement vehicle lubrication procedures
4. Incorporate principles of vehicle inspection
5. Determine needed repairs
6. Identify out-of-service criteria
7. Identify vehicle component adjustments
8. Document inspection results

## Reference Textbook

Please go to [www.hennepintech.edu](http://www.hennepintech.edu) for the most recent text.

## Course Assessments

Students must achieve an **80% grade or better** on written and hands on assessments.

### Recommended Industry-Recognized Certifications Or Comprehensive Assessments – College & High School

Certifications/Assessments	Vendor	Additional Information
Automotive Service, Introduction (505)	Precision Exams	<a href="https://www.precisionexams.com/minnesota/files/standards-pdfs/(505E)ks.pdf">https://www.precisionexams.com/minnesota/files/standards-pdfs/(505E)ks.pdf</a>
SP2 – Automotive Service Safety	SP2	<a href="https://sp2.org/automotive-schools">https://sp2.org/automotive-schools</a>
SP2 – Automotive Service Pollution Prevention	SP2	<a href="https://sp2.org/automotive-schools/">https://sp2.org/automotive-schools/</a>