

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 course. ACC is awarded if the student meets the college equivalency standards and later enrolls in Hennepin Technical College listed below requiring the course in a specific program.

Agreement Name: **AUTOMOTIVE TECHNOLOGY– ASE MLR
Hennepin Technical College**

Agreement Reviewed/Revised: 2023 - 2024

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

| HTC Course # | Course Name | # of Credits | # of Partial Credits |
|--|---------------------------------------|--------------|----------------------|
| ATEC 1050 | Introduction to Automotive Technology | 2 | 1 |
| ATEC 1105 | Engine Repair I | 3 | 1 |
| ATEC 1110 | Engine Repair II | 3 | 1 |
| ATEC 1205 | Automatic Transmissions I | 3 | 1 |
| ATEC 1210 | Automatic Transmissions II | 3 | 1 |
| ATEC 1305 | Manual Drive Train & Axles | 4 | 2 |
| ATEC 1405 | Steering & Suspension | 4 | 2 |
| ATEC 1505 | Brakes | 4 | 2 |
| ATEC 1615 | Basic Electrical | 3 | 2 |
| ATEC 1620 | Starting & Charging Systems | 3 | 2 |
| ATEC 1625 | Chassis Electrical | 3 | 1 |
| ATEC 1850 | Ignition Systems | 4 | 1 |
| ATEC 1855 | Fuel Systems | 4 | 1 |
| Total College Credits | | 43 | |
| Total Articulated Credits (Partial Credits) | | | 18 |

Course Description

The Automotive Technology degree prepares the student in all areas of the automobile and light truck for service, diagnosis and repair at an entry level. An Automotive Technician will diagnose, determine condition, estimate cost of repair and replace or repair various components in engines, powertrains, suspensions, brakes, electrical systems, fuel systems, emission controls and computer-controlled systems.

Agreement Assessments

- High School programs must be a NATEF-certified program.
- To receive the eighteen (18) total college credits, high school students must complete **ALL** high school course work in the Automotive Service Excellence (ASE) in Maintenance Light Repair (MLR) to be eligible for ACC at HTC.
- Students must pass the Maintenance Light Repair Assessment provided by ASE Student Certification or the NOCTI Automotive Technology.
- Students would choose which automotive program at HTC they wish to attend, (Ford Asset or Automotive). Students in Ford ASSET program must be employed at a Ford dealership after first course of program.

Recommended Comprehensive Assessments – College & High School

| Comprehensive Assessments | Vendor | Further Information |
|---|---|---|
| Automotive Maintenance & Light Repair (MLR) Certification Test (G1) | Automotive Service Excellence (ASE) Student Certification | http://www.ase.com/Tests/ASE-Certification-Tests/Test-Series.aspx |
| NOCTI Automotive Technician - Core | NOCTI | http://nocti.org/PDFs/JobReady/4309_Automotive_Technician_Core.pdf |