



# Academic Map: Automotive Technology: Heavy Line Specialist (CA)

**Certificate of Achievement (C.A.) | 31 Total Credits | CSN Degree Code: AUTOHVYL-CT | Catalog Year: 2022-2023 |**

Industry, Manufacturing, Construction and Transportation    Advanced and Applied Technologies    Department of Applied

Technologies Jobs and Employment Information: <https://www.csn.edu/imctarea>

**DESCRIPTION:** This program prepares students for entry level careers as heavy-line repair technicians. Students completing this Certificate will be able to diagnose, remove, disassemble, repair and/or replace and reassemble manual and automatic transmissions, transaxles, differential, clutches, transfer, and axle units. Additionally, students will be able to perform engine mechanical diagnosis, disassembly/reassembly, and other engine related heavy service,

**TERM 1 – TOTAL CREDIT HOURS: 13**

COM Elect See an advisor/counselor

AUTO 105B Automotive Maintenance

AUTO 115B Auto Electricity and Electronics

AUTO 117B Advanced Automotive Electronics

**Credits    Pre-Requisite/Co-Requisite**

3    None

2    None

4    AUTO 105B

4    AUTO 115B

**Area**

GE Comm

Special Prog Req

Special Prog Req

Special Prog Req

**Min Grade Milestones and Notes**

C

C

C

C    Mandatory Advising Required

**TERM 2 – TOTAL CREDIT HOURS: 14**

AUTO 136B Engine Repair

AUTO 205B Manual Drivetrain/Axles

AUTO 216B Automatic Transmissions

**Credits    Pre-Requisite/Co-Requisite**

5    AUTO 105B

4    AUTO 105B

5    AUTO 117B

**Area**

Special Prog Req

Special Prog Req

Special Prog Req

**Min Grade Milestones and Notes**

C

C

C    Mandatory Advising Required

**TERM 3 – TOTAL CREDIT HOURS: 4**

AUTO 245B Pwr Train Removal/Replacement

**Credits    Pre-Requisite/Co-Requisite**

4    AUTO 117B and AUTO 136B

**Area**

Special Prog Req

**Min Grade Milestones and Notes**

C    Apply for Graduation

