

AUTOMOTIVE TECHNOLOGY: SUBARU-U - DEGREE

Limited Entry, Associate of Applied Science Degree Program

Faculty Advisers

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The Subaru-U program allows students to study at MHCC and gain work experience while training as service techs for Subaru dealers and repair shops. MHCC's auto shops are filled with some of the finest, most up to date training supplies and equipment on the market.

The Subaru-U program is two full years of training, including fall, winter, spring and summer terms both years. Graduates will earn an AAS degree, as well as a full year of work experience in a dealer repair center. Subaru dealers and shops see MHCC students as their "service technicians of the future."

Cohorts begin in fall (even years) and summer (odd years).

Program Outcomes

At the completion of this program, students should be able to:

- Demonstrate safe shop practices and hazardous material handling
- Diagnose and repair electrical systems
- Diagnose and repair engine performance systems
- Diagnose and repair emission systems
- Diagnose and repair internal combustion engine systems
- Diagnose and repair automatic transmission and transaxles systems
- Diagnose and repair manual drive train and axles systems
- Diagnose and repair brakes systems
- Diagnose and repair automotive steering and suspension systems
- Diagnose and repair automotive heating and air conditioning systems
- Perform minor vehicle services

General education courses (such as math, writing, health, etc.) can be taken during any term, or before starting the program.

Please note: All core (AM) courses must be completed with a grade of "C" or better, and must be completed within 5 years of starting the program.

Start in Fall or Summer

First Quarter		Credits
AM103	Automotive Service Theory	2
AM104	Automotive Service Lab	1
AM105	Chassis Basic Theory	3
AM106	Chassis Basic Lab	1
AM112	Electrical 1 Theory	3
AM113	Electrical 1 Lab	2
AM114	Engines 1 Theory	2
AM115	Engines 1 Lab	1
Credits		15

Second Quarter		
AM171	Chrysler MCAP, IMPORT Subaru-U E-Learning Fundamentals 1	1
AM281	Automotive Dealership Experience 1	6
MTH065 or MTH058	Beginning Algebra II ★ (or higher) or Quantitative Reasoning I	4-6
Credits		11-13

Third Quarter		
AM140	Drivetrains 1 Theory	3
AM141	Drivetrains 1 Lab	1
AM142	Chassis 2 Theory	3
AM143	Chassis 2 Lab	1
AM154	Electrical 2 Theory	3
AM155	Electrical 2 Lab	1
AM158	Engine Performance 1 Theory	3
AM159	Engine Performance 1 Lab	2
AM170	Automotive Project 1	1
Credits		18

Fourth Quarter		
AM282	Automotive Dealership Experience 2	6
WR101 or WR121Z	Workplace Communications I ★ or Composition I ★	3-4
Credits		9-10

Fifth Quarter		
AM224	Engines 2 Theory	2
AM225	Engines 2 Lab	1
AM228	Engine Performance 2 Theory	4
AM229	Engine Performance 2 Lab	2
AM232	Electrical 3 Theory	3
AM233	Electrical 3 Lab	1
AM238	Air Conditioning Theory	3
AM239	Air Conditioning Lab	1
Credits		17

Sixth Quarter		
AM283	Automotive Dealership Experience 3	6
Health and Physical Education requirement (https://catalog.mhcc.edu/degree-certificate-requirements/aas/#health)		3
Credits		9

Seventh Quarter		
AM242	Electrical 4 Theory	3
AM243	Electrical 4 Lab	1
AM244	Drivetrains 2 Theory	2
AM245	Drivetrains 2 Lab	3
AM246	Engine Performance 3 Theory	3
AM247	Engine Performance 3 lab	1
AM248	Electric Vehicle Theory	2
AM249	Electric Vehicle Lab	1
Credits		16

Eighth Quarter		
AM284	Automotive Dealership Experience 4	6

Human Relations PSY101 recommended requirement (https://catalog.mhcc.edu/degree-certificate-requirements/aas/#human)	3-4
Credits	9-10
Total Credits	104-108

How to Apply

The Chrysler Mopar College Automotive Program (MCAP), Individualized Mechanical Program Of Repair Technicians (IMPORT), and Subaru-U Automotive Technology programs are limited-entry programs. This means you must meet certain criteria before you can apply (<https://mhcc.edu/education-options/degrees-certificates/automotive-technology/subaru-university/get-started/>). These programs admit 24 students fall term on even-numbered years and odd-numbered years in the summer term. Students of all races, ethnicities, ages, genders, religions, sexual orientations, socio-economic statuses, nationalities, physical abilities, and cognitive differences are welcome!