



DEGREE CODES:

- AAS (AT) 0125A
- AC (AT) 0130
- BC (AM) 0128
- BC (ACM) 0134
- BC (AFM) 0136

PATHWAY: Automotive Technology, Track I

Visit your College Advisor, ccc.edu, or your college's Transfer Center for more information.

This is an **example course sequence** for students interested in earning an Associate in Applied Science degree in Automotive Technology. It does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn basic certificates (BC) in Automotive Chassis Maintenance (ACM), Automotive Fuel Management (AFM) and Automotive Maintenance (AM) and a Basic Certificate (BC) and Associate in Applied Science (AAS) Degree in Automotive Technology (AT). One course will satisfy the Human Diversity (HD) requirement, and is labeled with an (HD) in the sequence below.

The AAS degree program in Automotive Technology provides the necessary foundation and practical experience to pursue entry-level positions that meet the changing demands of the automotive industry. Entry-level positions may be found in automotive dealerships, automotive franchises, independent service repair shops, auto part stores, or through self-employment. Students will learn the technical skills essential to employment in the field of maintenance technology, auto body care, chassis, diesel, and power train, leading to employment in service, maintenance, and areas of technological specialty such as detailing, auto body paint and refinishing, as well as management occupations or self-employment. Students will also be able to consider transferring Industrial Engineering Technology credits to state universities.

The AC in Automotive Technology, BC in Automotive Maintenance, BC in Automotive Chassis Maintenance, and BC in Automotive Fuel Management are all coming soon to Olive-Harvey.

Choose your courses with your College Advisor.

Student must be eligible for English 100, Reading 125, and Mathematics 98 to begin core curriculum classes.

| Communications and mathematics pre-credit requirements. Placements based on current placement instrument, ACT or department chair recommendation. | | | College-level courses that can be taken while in pre-credit courses. | |
|---|--|--|--|---|
| ENGLISH PLACEMENT | READING PLACEMENT | MATHEMATICS PLACEMENT | GENERAL EDUCATION COURSES | ELECTIVE COURSES |
| <input type="checkbox"/> ESL/FS Writing | <input type="checkbox"/> ESL/FS Reading | <input type="checkbox"/> FS Mathematics I | <input type="checkbox"/> Humanities: Africana Studies 101 | <input type="checkbox"/> College Success |
| <input type="checkbox"/> ESL/English 98 | <input type="checkbox"/> ESL/Reading 99 | <input type="checkbox"/> FS Mathematics II | <input type="checkbox"/> Physical & Life Sciences: Biology 107, Environmental Technology 107 | <input type="checkbox"/> Computer Information Systems 120 |
| <input type="checkbox"/> ESL 99 | <input type="checkbox"/> ESL Reading 100 | <input type="checkbox"/> Mathematics 98 | | |
| <input type="checkbox"/> ESL/English 100 | <input type="checkbox"/> Reading 125 | <input type="checkbox"/> Mathematics 99 | | |

SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters.

| D | AC ^{AT} | BC ^{ACM} | BC ^{AFM} | BC ^{AM} | SEMESTER 1 | CATEGORY | ACHIEVEMENTS & NEXT ACTIONS |
|--|------------------|-------------------|-------------------|--|---|-----------------------|--|
| • | • | • | • | • | Automotive Technology 101—Introduction to Automotive Technology (4) | Required Program Core | DO THIS—Meet with advisor to discuss academic goals and plan coursework |
| • | • | • | • | Automotive Technology 103—Engine Concepts (4) | Required Program Core | | |
| • | • | • | • | Automotive Technology 104—Electrical Systems and Power Accessories (4) | Required Program Core | | |
| • | • | • | • | Automotive Technology 109—Automotive Brakes (4) | Required Program Core | | |
| • | • | • | • | Automotive Technology 209—Steering and Suspension Systems (4) | Required Program Core | | |
| 20 CREDIT HOURS | | | | | | | |
| D | AC ^{AT} | BC ^{ACM} | BC ^{AFM} | BC ^{AM} | SEMESTER 2 | CATEGORY | ACHIEVEMENTS & NEXT ACTIONS |
| • | • | • | • | • | Automotive Technology 105—Fuel Management I (4) | Required Program Core | COMPLETION of Basic Certificate in Automotive Chassis Maintenance *Automotive Technology 108 is a Program Elective for the AAS and a Required Program Core for the AC ^{AT} , BC ^{AM} , BC ^{ACM} , and BC ^{AFM} . Students in the AC ^{AT} are required to have 6 CH of Automotive Technology 108. |
| • | • | • | • | Automotive Technology 204—Electrical Systems II (4) | Required Program Core | | |
| • | • | • | • | English 101—Composition I (3) | Communications | | |
| • | • | • | • | Automotive Technology 108—Work-based Learning I (3) | Elective ¹ | | |
| • | • | • | • | General Education course (3) | General Education | | |
| 17 CREDIT HOURS | | | | | | | |
| D | AC ^{AT} | BC ^{ACM} | BC ^{AFM} | BC ^{AM} | SEMESTER 3 | CATEGORY | ACHIEVEMENTS & NEXT ACTIONS |
| • | • | • | • | • | Automotive Technology 205—Fuel Management II (4) | Required Program Core | COMPLETION of Basic Certificate in Automotive Maintenance DO THIS—Visit the Career Center and Transfer Center to discuss options |
| • | • | • | • | Automotive Technology 211—Auto Service Management (4) | Elective ² | | |
| • | • | • | • | Automotive Technology 215—Automotive Temperature Control Systems (4) | Required Program Core | | |
| • | • | • | • | Mathematics/Science course (3) | Mathematics/Sciences | | |
| 15 CREDIT HOURS | | | | | | | |
| D | AC ^{AT} | BC ^{ACM} | BC ^{AFM} | BC ^{AM} | SEMESTER 4 | CATEGORY | ACHIEVEMENTS & NEXT ACTIONS |
| • | • | • | • | • | Automotive Technology 206—Fuel Management III (4) | Required Program Core | COMPLETION of Basic Certificate in Automotive Fuel Management COMPLETION of Advanced Certificate in Automotive Technology COMPLETION of Associate in Applied Science degree in Automotive Technology |
| • | • | • | • | Automotive Technology 207—Transmissions, Transaxle, and Driveline (4) | Elective | | |
| • | • | • | • | Social & Behavioral Sciences course (HD) (3) | Social & Behavioral Sciences (HD) | | |
| • | • | • | • | Fine Arts & Humanities course (3) | Fine Arts & Humanities | | |
| • | • | • | • | General Education course (3) | General Education | | |
| 17 CREDIT HOURS | | | | | | | |
| DEGREE MINIMUM: 66 CREDIT HOURS // PATHWAY TOTAL: 69 CREDIT HOURS | | | | | | | |

1. Automotive Technology 108 is a Program Elective for the AAS and a Required Program Core for the AC^{AT}, BC^{AM}, BC^{ACM}, and BC^{AFM}.
2. Automotive Technology 211 is a Program Elective for the AAS and a Required Program Core for the BC^{AM}.

D = DEGREE // AC = ADVANCED CERTIFICATE // BC = BASIC CERTIFICATE

Programs offered at:

