

Automotive Technology Associate of Applied Science

Full-Time Fall Start

www.pima.edu/auto-tech-aas

From steering and suspension to engines and electrical systems, understand car repair inside and out. Master the basics and prepare for entry-level positions, or choose additional advanced courses.

Title IV Financial Aid eligible: Yes

What can I do with this degree?

Career Options: Auto mechanic or technician, service writer, parts specialist or auto sales positions.

Academic Options: This program may apply toward a Bachelor of Applied Science (BAS). See an advisor.

CHOOSE YOUR COURSES WITH YOUR COLLEGE ADVISOR

Placement

Students must meet prerequisite standards before taking GTM 105 and GTW 101 in the pathway below. If you are not prepared for these courses based on placement results you will need to take courses to build your skills prior to taking them. The sequence of courses follows.

Math: ICS 081 > GTM 105

If a MAT course higher than MAT 106 is chosen, and/or if WRT 101 or 154 is chosen, additional coursework may be needed

Semester Pathway

This pathway is a suggested sequence of courses for your program of study. Work with an advisor to develop a unique pathway for you based on your placement recommendations, any prior college courses, and your specific situation.

General Education Note: When General Education (Gen. Ed.) credits are listed below, select from the appropriate General Education course list linked from the program website. Some programs recommend specific courses.

For this pathway, ensure that one Gen. Ed. course fulfills the C or G requirement.

Semester 1 - Fall (Semester Total: 13 credits)

AUT 100: Small Engine Troubleshooting and Repair (3 credits)

AUT 101: Automotive Maintenance (3 credits)

AUT 105: Light Line Maintenance (3 credits)

Gen Ed: CTE Communications list. Recommend: GTW 101 Writing for Trades and Technical Occupations (3 credits)

STU 100: College Success and Career Planning (1 credit)

Semester 2 - Spring (Semester Total: 12 credits)

AUT 120: Engine Diagnosis and Repair (3 credits)

AUT 128: Automotive Electrical Fundamentals and Applications (3 credits)

AUT 139: Automotive Steering and Alignment Systems (3 credits)

GTM 105: Applied Technical Mathematics (3 credits)
or MAT course numbered 100 or higher: (3 credits)

Semester 3 - Summer (Semester Total: 6 credits)

AUT 140: Automotive Brakes Diagnosis and Repair (3 credits)

Gen. Ed: CTE Social & Behavioral Sciences List. Recommend HIS 101: Introduction to Western Civilization I (3 credits)

continued →

Semester 4 - Fall (Semester Total: 12 credits)

AUT 122: Engine Remove and Install (3 credits)

AUT 124: Automotive Diesel Engine Tune-Up (3 credits)

AUT 129: Automotive Electrical Accessories (3 credits)

Gen Ed: CTE Other list. Recommend CMN 120: Business and Professional Communication (3 credits)

Semester 5 - Spring (Semester Total: 15 credits)

AUT 126: Engine Performance and Drivability Troubleshooting (3 credits)

AUT 132: Automotive Drivetrain Removal and Replacement (3 credits)

AUT 133: Automotive Transmission/Transaxle Service and Rebuilding (3 credits)

AUT 136: Automotive Manual Transmission and Driveline Service (3 credits)

Gen. Ed.: CTE Arts & Humanities List. Recommend PHI 101: Introduction to Philosophy (3 credits)

Semester 6 - Summer (Semester Total: 6 credits)

AUT 138: Automotive Suspension Systems (3 credits)

AUT 142: Automotive Heating, Ventilation, and Air Conditioning (3 credits)

PROGRAM TOTAL: 64 credits

Program/Major Codes: **AASAUTOTECHN/AUT**

Find more information about this program at:
www.pima.edu/auto-tech-aas