

AUTOMOTIVE TECHNOLOGY



weber.edu/automotive



**WEBER STATE
UNIVERSITY**

Changing Minds

Why choose Automotive Technology at WSU?

- We have partnerships with DaimlerChrysler, General Motors, Honda, and Toyota to provide state-of-the-art technology and training.
- Paid internships are included throughout the curriculum.
- AAS degree and BS Degree programs offered.
- Job placement is virtually 100%.
- Experience and a great education with low tuition costs.
- Our programs are NATEF Master Certified.

What degrees/certificates are available?

Bachelor of Science Degree (BS) Automotive Technology

Also, there are seven Associate of Applied Science (AAS) Automotive Service Technology degree options:

- General Motors (ASEP)
- Collision Repair (BSEP)
- Honda (PACT)
- Chrysler (CAP)
- Toyota (T-TEN)
- Independent Shop (ATEP)
- Heavy Duty Truck Technology

What courses are offered through online/distance learning?

For a complete listing of WSU online and independent study courses, check out the Web site weber.edu/ce.

What are the employment opportunities?

Graduates with bachelor's degrees are qualified for positions involving customer service, field engineering and field service testing, and technical instruction. Graduates work for companies such as Ford, General Motors, Chrysler, Toyota and Honda, as well as for automotive aftermarket supply companies.

Graduates with associate's degrees are qualified for a variety of entry-level technician positions in dealerships, independent garages and other automotive service suppliers.

What are the starting salaries of graduates?

Starting salaries vary depending on the region, workplace and skill level. Graduates with bachelor's degrees typically start at \$40,000 and up per year, while graduates with associate's degrees can expect starting salaries ranging from \$25,000 to \$35,000 per year.

What will I learn in the program?

In the Associate of Applied Science program, you will learn how a vehicle operates, how to diagnose problems with vehicles, and how to correct the problems you have diagnosed. You will do this using the latest diagnostic tools, vehicles, and service information available directly from the different vehicle manufacturers we are partnered with.

The Bachelor of Science degree program builds on the AAS degree program by preparing graduates for employment in a wide variety of automotive industries including service operations, fleet management, and technical support activities. As a graduate of this program, you will have developed technical competence and strong interpersonal skills including the ability to communicate effectively, solve problems, and work in teams.

Is there an application deadline?

No, there is no application deadline. However, we encourage you to apply early and register for classes. Contact the automotive technology department for specific information or to schedule an advisement time.

Where can I find more Information?

Automotive Technology Program
Weber State University
1504 University Circle
Ogden, UT 84408-1504

Program Manager: John D. Kelly

801-626-6579

automotivetech@weber.edu

DEGREE REQUIREMENTS & COURSE SCHEDULE · AUTOMOTIVE TECHNOLOGY

Automotive courses for AAS degrees alternate in 8-week blocks depending on which degree program is selected

Freshman Fall

AUSV 1000	Introduction to Automotive Technology (8 weeks)	3
AUSV 1300	Technical Mathematics (8 weeks)	3
AUSV 13X0	Automotive Electrical, Electronics and Body Control Systems (8 weeks)*⌘	7
AUSV 1320	Automotive Electrical (8 weeks)◇	4
ENGL 1010	College Writing (16 weeks)	3
COMM 2110	Interpersonal & Small Group Communication (16 wks)◇	3
		total credits 16

Freshman Spring

AUSV 10X0	Brakes, Steering, Suspension and Climate Control Systems (8 weeks)*	8
AUSV 1080	Non-Structural Analysis and Damage Repair (8 weeks)◇	4
AUSV 1100	Principles of Technology (8 weeks)	2
AUSV 2625	Engine Mechanical & Engine Control Systems (8 wks)⌘	6
AUSV 28X0	Cooperative Practicum (8 weeks)	3
ATTC 3020	Introduction to Hazardous Materials (8 weeks)◇	2
TBE 1700	Introduction to Microcomputer Applications (16 weeks)	3
SOC	Social Science Elective (16 weeks)⌘◇	3
		total credits 16-17

Freshman Summer (optional)

AUSV 28X0	Cooperative Practicum	3
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* DaimlerChrysler CAP, General Motors ASEP, Honda PACT and Toyota T-TEN students only

⌘ ATEP (Independent Shop Program) Students only

◇ BSEP (Body Service) Students only

Sophomore Fall

AUSV 1020	Brakes, Steering, Suspension (8 weeks)*◇	8
AUSV 1180	Structural Analysis and Damage Repair (8 weeks)◇	4
AUSV 1220	Manual Drivetrain Systems (8 weeks)⌘	3
AUSV 26x5	Engine Mechanical and Engine Control Systems (8wks)*	6
AUSV 2880	Cooperative Practicum (8 weeks)*	3
CHEM 1010	Introduction to Chemistry (16 weeks)⌘◇	3
COMM 2110	Interpersonal & Small Group Communication (16 wks)⌘	3
SOC	Social Science Elective (16 weeks)*	3
SST 3203	Customer Service Techniques (16 weeks)*	3
		total credits 15-17

Sophomore Spring

AUSV 12X0	Manual Drivetrain Systems (8 weeks)*	4
AUSV 2080	Painting and Refinishing (8 weeks)◇	4
AUSV 2480	Auto-Body Business Practices (8 weeks)◇	2
AUSV 25X0	Automatic Transmissions (8 weeks)*⌘	3
AUSV 28X0	Cooperative Practicum (8 weeks)⌘◇	3
CHEM 1010	Introduction to Chemistry (16 weeks)*	3
COMM 2110	Interpersonal & Small Group Communication (16 wks)*	3
SST 3203	Customer Service Techniques (16 weeks)⌘◇	3
		total credits 13-16

* CAP, ASEP, PACT and T-TEN students only

⌘ ATEP Students only

◇ BSEP (Body Service) Students only

total credit hours in AAS program: 63

The freshman and sophomore years constitute the Associate of Applied Science degree and are the first two years of the Bachelor of Science degree.

Junior Fall

ATTC 3620	Automotive Business Practices	2
ATTC 3990	Seminar in Automotive Technology	1
SST 1143	Fundamental Selling Techniques	3
ENGL 2010	Intermediate Writing	3
LIBS 1704 or TBE 1504		1
SOC SS/DV or ECON SS2010		3
BTNY 1403	Environment Appreciation	3
		total credits 16

Junior Spring

ATTC 4020	Environmental Issues	2
SST 3103	Sales Personalities and Profiles	3
GenEd	Creative Arts	3
GenEd	American Institutions	3
PHYS 1010	Elementary Physics	3
TBE 3090	Advanced Electronic Presentations	1
		total credits 15

Junior Summer

ATTC 4880	Cooperative Practicum	8
		total credits 8

Senior Fall

ATTC 2680	Collision Repair Methods	3
ATTC 3520	Fleet Management	2
ATTC 4990	Seminar in Automotive Technology	1
SST 3563	Principles of Supervision	3
SST 4102	Developing Team Leadership Skills	2
GenEd	Humanities	3
TBE 3070	Advanced Spreadsheet Applications	1
		total credits 15

Senior Spring

ATTC 2480	Auto Body Business Practices	2
ATTC 3020	Introduction to Hazardous Materials	2
ATTC 4220	Capstone Project	2
SST 3363	Contract Sales & Negotiation Elective	3
TBE 3250	Business Communications	3
	Elective (see major advisor)	3
		total credits 15

total credit hours in BS program: 126

This is a suggested course sequence and not an academic contract with the specific department. Curriculum and program requirements are subject to change without notification.

For more information, go to weber.edu/automotive

source: 2004-05 course catalog; revised 9/05 AS

The automotive Service Technology AAS program options are certified by the National Automotive Technicians Education Foundation (NATEF), 101 Blue Seal Drive, Suite 101, Leesburg, VA 20175, (703) 669-6125, www.natef.org.