

# Automotive Technology and Outdoor Powered Equipment: Automotive Technology Honda PACT Specialization



**Degree:** Associate of Applied Science (AAS)  
**Certificate:** Level 1 (C1)



**DESIGN, MANUFACTURING, CONSTRUCTION & APPLIED TECHNOLOGY**

**Program Description:** At ACC, the technical training programs are designed to meet the needs of a modern automotive service facility. Emphasis is placed on real world approaches to diagnostic skill building and a thorough understanding of system theory and operations. Independent, self-directed learning is promoted through hands-on experience with mockups and modern vehicles and use of computer programs and audiovisuals. Students completing degree and/or certificate programs will leave ACC with the workplace skills and professionalism necessary to succeed in the automotive workforce.

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[sites.austincc.edu/autotech/](http://sites.austincc.edu/autotech/)

If you have the desire to be a part of one of the largest automobile manufacturers in the world, then we can help you get there. Honda PACT will give you the skills you need to be qualified to enter the Honda and Acura dealer network. In a 2-year Professional Automotive Career Training (PACT) program, you will learn to maintain, diagnose and repair two of the world's most popular brand of automobiles. Our successful graduates have the opportunity to earn 10 Honda and Acura certifications all taught by Honda certified instructors, and the ability to earn at least two ASE certifications through the National Institute for Automotive Service Excellence. You will learn the skills and gain the experience valued by Honda and Acura dealerships.

Honda PACT students tackle electrical fundamentals, engines, steering and suspension, and more. You will also be exposed to the standards, and operations and procedures used at Honda and Acura dealerships. These programs and more are available for active students who meet the prerequisite requirements.

*Use this Program Map to choose courses with your college advisor and track your progress towards milestones and completion of program.*

### Pre-Degree Requirements

Program Specific	Reading and Writing Placement <i>Placements based on TSI</i>	Mathematics Placement <i>Placements based on TSI</i>
	<input type="checkbox"/> Basic Developmental Courses <input type="checkbox"/> ESOL Courses <input type="checkbox"/> INRW Courses	<input type="checkbox"/> NCBM and MATD courses paired with MATH courses <input type="checkbox"/> NCBM and MATD courses

D=Degree  
 C1=Level 1 Certificate

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

*Plans can be modified to fit the needs of part-time students by adding more semesters*

C1	D	Semester 1	CR	Advising Notes
●	●	POFT 1171 - College to Career Success	1	
●	●	AUMT 1405 - Introduction to Automotive Technology	4	
●	●	AUMT 1407 - Automotive Electrical Systems	4	
	●	ENGL 2311 - Technical and Business Writing	3	
			<b>12</b>	<b>Program Semester Hours / Meet with your advisor</b>
		Semester 2		
●	●	AUMT 1410 - Automotive Brake Systems	4	<b>Prerequisites:</b> AUMT 1405 and AUMT 1407.
●	●	AUMT 1416 - Automotive Suspension and Steering Systems	4	<b>Prerequisites:</b> AUMT 1405 and AUMT 1407.
●	●	AUMT 2188 - Automotive Internship	1	<b>Prerequisites:</b> Eight semester credit hours of Automotive coursework with a minimum grade of C. Capstone Course.
	●	MATH 1332 - College Mathematics	3	
			<b>12</b>	<b>Program Semester Hours / Meet with your advisor</b>

Semester 3				
•	•	AUMT 1445 - Automotive Heating & Air Conditioning	4	<b>Prerequisites:</b> AUMT 1405 and AUMT 1407.
	•	AUMT 2188 - Automotive Internship	1	<b>Prerequisites:</b> Eight semester credit hours of Automotive coursework with a minimum grade of C. Capstone Course.
	•	Social and Behavioral Sciences	3	<b>Prerequisites:</b> Select from the appropriate section of the Core Curriculum Course List.
			<b>8</b>	<b>Program Semester Hours / Meet with your advisor</b>
Semester 4				
•	•	AUMT 1419 - Automotive Engine Repair	4	<b>ACHIEVEMENT:</b> Level 1 Certificate
	•	AUMT 2417 - Automotive Engine Performance Analysis I	4	<b>Prerequisites:</b> AUMT 1405 and AUMT 1407.
	•	AUMT 2188 - Automotive Internship	1	<b>Prerequisites:</b> Eight semester credit hours of Automotive coursework with a minimum grade of C. Capstone Course.
	•	SPCH 1311 - Introduction to Speech Communication	3	
			<b>12</b>	<b>Program Semester Hours / Meet with your advisor</b>
Semester 5				
	•	AUMT 2437 - Automotive Electronics	4	<b>Prerequisites:</b> AUMT 1405 and AUMT 1407 with a grade of C or better.
	•	AUMT 2413 - Automotive Drive Train and Axles	4	<b>Prerequisites:</b> AUMT 1405 and AUMT 1407.
	•	AUMT 2425 - Automotive Automatic Transmissions and Transaxles	4	<b>Prerequisites:</b> AUMT 1405 and AUMT 1407.
	•	AUMT 2188 - Automotive Internship	1	<b>Prerequisites:</b> Eight semester credit hours of Automotive coursework with a minimum grade of C. Capstone Course.
	•	Language, Philosophy, and Culture <b>OR</b> Creative Arts	3	Select from the appropriate section of the Core Curriculum Course List. <b>ACHIEVEMENT:</b> Completion of Associate of Applied Science Degree
			<b>16</b>	<b>Program Semester Hours</b>
<b>Total Program Hours: 60</b>				

Please always check online at [catalog.austincc.edu](http://catalog.austincc.edu) or meet with your academic or program advisor to ensure that you are viewing the latest and most accurate information.

## Career & Transfer Resources

ACC's Career & Transfer websites provide detailed, guided information on career exploration and transfer.

[www.austincc.edu/career](http://www.austincc.edu/career)

[www.austincc.edu/transfer](http://www.austincc.edu/transfer)

For further information regarding this specific program, please see the Career & Transfer Resources supplement provided in the next section of this Program Map.

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Career & Transfer Resources Updated 6/5/18

## Career Information

Throughout the U.S. there is a serious shortage of professional auto technicians. Unlike many other industries, automotive service is in constant demand. The Automotive Department encourages both women and men to participate in this rewarding profession.

### Entry-Level Education

A good understanding of automotive systems theory and design is essential for successful repairs. Our courses provide basic skills for entry level placement in the automotive field, and prepares students for certification through ASE. ACC does not give Automotive Service Excellence (ASE) certification, but will help anyone with test registration. All ACC Automotive courses are designed to prepare the student for certification tests. The National Institute for Automotive Service Excellence (ASE) certifies technicians with two years of experience, that pass one or more of the eight different testing areas in the automotive field. ASE also certifies schools through NATEF (National Automotive Technicians Education Foundation). ACC is certified by NATEF and has courses of instruction that correspond to the eight different ASE testing areas.

### Common Job Titles

Automotive Specialty Technicians (includes Automobile Mechanic, Automobile Technician, Automotive Technician, Drivability Technician, Heavy Line Technician, Lube Technician, Oil Bay Technician, Quick Service Technician, Service Technician)

### Regional Labor Market Information

Automotive Specialty Technicians: New workers generally start around \$22,410. Normal pay for Automotive Specialty Technicians is \$40,706 per year, while highly experienced workers can earn as much as \$64,567. Over the last year, 110 companies have posted 1,786 jobs for Automotive Specialty Technicians in this region. There are currently 4,342 Automotive Specialty Technicians that are employed in Austin-Round Rock, TX.

Source: <https://austincc.emsicc.com/careers/automotive-specialty-technician>

**Career and labor market research tools** (see Quick Reference Guide at <http://www.austincc.edu/career/>):

EMSI: <https://austincc.emsicc.com/>, Bureau of Labor Statistics: <http://www.bls.gov/ooh/>, O\*NET: <https://www.onetonline.org/>

**Career Resources:** ACC's career services website provides information on career exploration and employment at <http://www.austincc.edu/career>. Students are encouraged to consult with their [area of study advisor](#) for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an ACC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.

## Transfer Information

The Associate of Applied Science in Automotive Technology and Outdoor Powered Equipment: Automotive Technology Honda PACT Specialization students to directly enter the workforce. A Bachelor of Applied Arts and Sciences (BAAS) is a degree option for students in AAS programs who want to transfer and complete a 4-year degree.

**Transfer Guides:** *The universities listed here do not constitute an ACC endorsement. Transfer course evaluations and determination of what courses will count toward a bachelor's degree are made by the receiving transfer institution.*

**Texas State University:** <http://www.owls.txstate.edu/undergraduate-degrees/applied-arts-sciences.html>

**Texas A&M University Central Texas:** <https://www.tamuct.edu/degrees/undergraduate/business-management.html>

**Texas Tech University:** [https://www.depts.ttu.edu/universitystudies/prospective\\_students/baas.php](https://www.depts.ttu.edu/universitystudies/prospective_students/baas.php)

**Additional Transfer Resources:** ACC's transfer website provides information on additional colleges & universities: <http://www.austincc.edu/transferguides>. Students are encouraged to consult with a faculty advisor, [area of study advisor](#), and/or their chosen transfer institution to ensure courses taken at ACC will apply toward their bachelor's degree program.