

Automotive Technology Program

Tyler Junior College is a **NATEF Master Certified** provider of post-secondary education training for tomorrow's automotive technicians. Students receive the fundamental training for a dynamic career as an **automotive technician**.

Major employers value the training an Associate of Applied Science gives you. The highest percentage of graduates are employed by automotive dealerships, large independents and chain stores.

Technicians having earned an associate degree are often promoted to Service Advisor, Service Manager and Service Director positions. Students can also transfer to a cooperative four-year university to complete a bachelor degree.

Automotive Service Technician careers offer excellent opportunities with good pay and the satisfaction of working with the latest in advanced vehicle technology. As the demand for skilled technicians grows with the number of vehicles on the road, employment is expected to increase faster than average careers through 2014.

Students entering the Automotive Technology Program are responsible for all tuition, fees and textbook costs. Students are also expected to purchase the required tool set.

General Service Technician Certificate of Proficiency (THEA Waived)

First Year			
First Semester			
<i>Fall</i>			
AUMT	1257	Theory of Auto Brakes	2
AUMT	1310	Auto Brake Systems Lab	3
AUMT	1253	Theory of Auto Electrical System	2
AUMT	1307	Auto Electrical System Lab	3
<i>Second Semester</i>			
<i>Spring</i>			
AUMT	2215	Theory of Auto Engine Performance I	2
AUMT	2317	Auto Engine Performance I Lab	3
AUMT	2231	Theory of Auto Engine Performance II	2
AUMT	2334	Auto Engine Performance II Lab	3
<i>Summer I</i>			
AUMT	1213	Theory of Auto Suspension and Steering	2
AUMT	1316	Auto Suspension and Steering Lab	3
<i>Summer II</i>			
AUMT	2421	Auto Electrical Lighting and Acc.	4
Total Credit Hours			29

- Applicants must meet the admission requirements for TJC and achieve minimum scores on test for mechanical comprehension and reading.
- All new students are required to attend automotive orientation.
- Department-specific courses must be taken in sequence and may have a prerequisite course.
- Exceptions must be approved in writing by the department chair.
- Students are required to furnish their own tools. (See an academic advisor or the department chair for required tool list.)

Advanced Service Technician Certificate of Proficiency (THEA Waived)

Successful completion of the General Service Technician Certificate is required before entrance into the Advanced Service Technician Certificate.

Second Year			
First Semester			
<i>Fall</i>			
AUMT	2209	Theory of Auto Drive Train and Axles	2
AUMT	2313	Auto Drive Train and Axles Lab	3
AUMT	2223	Theory of Automatic Trans. and Transaxle	2
AUMT	2325	Auto Automatic Trans. and Transaxle Lab	3
<i>Second Semester</i>			
<i>Spring</i>			
AUMT	2205	Theory of Auto Engine Repair	2
AUMT	1319	Auto Engine Repair Lab	3
AUMT	1241	Theory of Auto HVAC	2
AUMT	1345	Auto HVAC Lab	3
Total Credit Hours			20

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Associate in Applied Science Automotive Technology

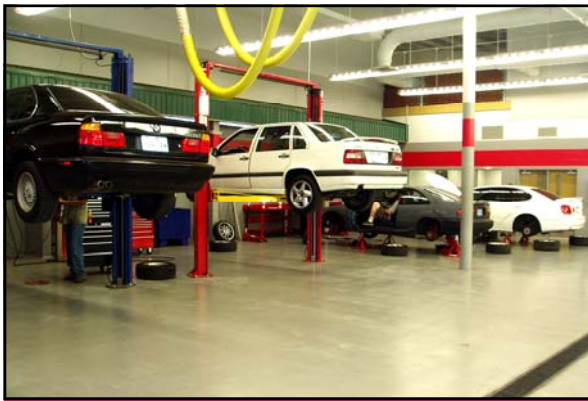
First Year			
First Semester			
<i>Fall</i>			
AUMT	1257	Theory of Auto Brakes	2
AUMT	1310	Auto Brake Systems Lab	3
AUMT	1253	Theory of Auto Electrical System	2
AUMT	1307	Auto Electrical System Lab	3
*ENGL 1301	Composition and Rhetoric		3
			*Behavioral/Social Science Elective
			3
<i>Second Semester</i>			
<i>Spring</i>			
AUMT	2215	Theory of Auto Engine Performance I	2
AUMT	2317	Auto Engine Performance I Lab	3
AUMT	2231	Theory of Auto Engine Performance II	2
AUMT	2334	Auto Engine Performance II Lab	3
*SPCH 1321	Business & Professional Speaking		3
			*College Level Math
			3
<i>Summer I</i>			
AUMT	1213	Theory of Auto Suspension and Steering	2
AUMT	1316	Auto Suspension and Steering Lab	3

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Second Year			
First Semester			
<i>Fall</i>			
AUMT	2209	Theory of Auto Drive Train and Axles	2
AUMT	2313	Auto Drive Train and Axles Lab	3
AUMT	2223	Theory of Automatic Trans. and Transaxle	2
AUMT	2325	Auto Automatic Trans. and Transaxle Lab	3
			*Humanities/ Fine Arts Elective
			3

Second Semester			
Spring			
AUMT	2205	Theory of Auto Engine Repair	2
AUMT	1319	Auto Engine Repair Lab	3
AUMT	1241	Theory of Auto HVAC	2
AUMT	1345	Auto HVAC Lab	3
BCIS	1301	Microcomputer Applications	3
<i>Summer I</i>			
AUMT	1380	Cooperative Education	3
Total Credit Hours			70

- *Bold Courses represent general education requirements.**
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Graduating students entering the job market can expect to earn between \$25,000 and \$30,000 per year plus benefits and vacation. An experienced Master ASE certified technician has a potential to earn \$80,000 and up annually.



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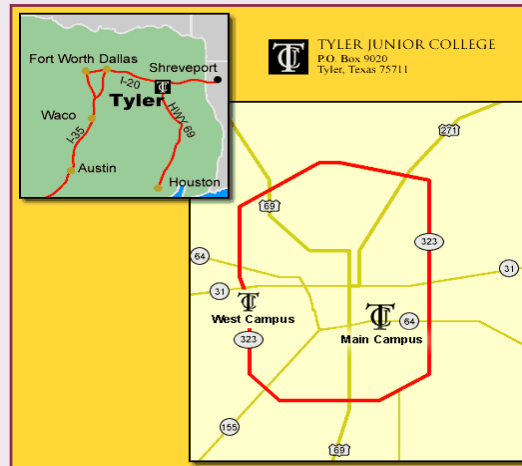
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www.tjc.edu

Tyler Junior College gives equal consideration to all applicants for admission, employment and participation in its programs and activities without regard to race, creed, color, national origin, gender, age, marital status, disability or veteran status.

Automotive Technology



School of Applied Studies

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