



**AAS in Automobile/Automotive Mechanics Technology to
BAAS in Manufacturing and Industrial Management
Guided Pathway
2017-2018 Catalog**

First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
AUMT 1305 – Intro. to Automotive Technology (1 st 8 weeks)	AUMT 2417 – Auto. Engine Performance Analysis I (1 st 8 weeks)
AUMT 1407 – Automotive Electrical Systems (1 st 8 weeks)	AUMT 2434 – Auto. Eng. Performance Analysis II (2 nd 8 weeks)
AUMT 1419 – Automotive Engine Repair (2 nd 8 weeks)	^c MATH 1314 – College Algebra * (020)
^c ENGL 1301 – Composition I (010)	^c SOCI 1301 – Introductory Sociology * (080)
SUMMER I	SUMMER II
AUMT 1445 – Automotive Climate Control Systems	AUMT 2357 – Automotive Alternative Fuels

Second Year – Tyler Junior College

It's best to apply to Tarleton State University a full semester before you plan to transfer and submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
AUMT 1410 – Automotive Brake Systems (1 st 8 weeks)	AUMT 2413 – Automotive Drive Train and Axles (1 st 8 weeks)
AUMT 1416 – Automotive Suspension and Steering Systems (2 nd 8 weeks)	AUMT 2425 – Automotive Automatic Transmission and Transaxle (2 nd 8 weeks)
^c PHIL 2306 – Introduction to Ethics (040)	AUMT 2380 – Cooperative Ed. – Automobile/ Automotive Mechanics Technology/Technician
^c SPCH 1321 – Business & Professional Communication (010)	

AAS: Automobile/Automotive Mechanics Technology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3303 Industrial Materials	ENGT 4336 Production Planning
^c MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
^c ENGL 1302 – Composition II	^c *Science Core
^c *Science Core	^c *Visual & Performing Arts
SUMMER	
^c GOVT 2306 Texas Government	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 4376 Automated Manufacturing Systems
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
^c *Science Core	^c HIST 1302 United States History II
^c HIST1301 United States History I	
SUMMER	
^c GOVT 2305 Federal Government	

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

^c This course counts for the Core Curriculum at any public college or university in Texas.

For questions about the University portion of this guided pathway,
Contact the Engineering Technology Department at (254)968-9010 or Engineering.Technology@tarleton.edu.