



AAS in Automotive Technology to
 Bachelor of Applied Arts and Sciences in
 Manufacturing and Industrial Management
 Safety Management Concentration^T



Guided Pathway
2019-2020 Catalog

First Year – Tyler Junior College

FIRST SEMESTER		SECOND SEMESTER	
AUMT 1305 – Intro. to Automotive Technology		AUMT 2321 – Automotive Electrical Diagnosis and Repair	
AUMT 1407 – Automotive Electrical Systems		AUMT 2417 – Auto. Engine Performance Analysis I	
AUMT 1419 – Automotive Engine Repair		AUMT 2434 – Auto. Eng. Performance Analysis II	
ENGL 1301 – Composition I (010)		MATH 1314 – College Algebra * (020)	
Total semester hours: 14		Total semester hours: 14	

SUMMER I	
AUMT 1345 – Automotive Climate Control Systems	
Total semester hours: 3	

Second Year – Tyler Junior College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER		SECOND SEMESTER	
AUMT 1310 – Automotive Brake Systems		AUMT 2413 – Automotive Drive Train and Axles	
AUMT 1257 – Automotive Brakes Systems Theory		AUMT 2425 – Automotive Automatic Transmission and Transaxle	
AUMT 1416 – Automotive Suspension and Steering Systems		SPCH 1321 – Business & Professional Communication * (010)	
PHIL 2306 – Introduction to Ethics (040)		SOCI 1301 – Introduction to Sociology * (080)	
Total semester hours: 12		Total semester hours: 14	

SUMMER II	
AUMT 2357 – Automotive Alternative Fuels	
Total semester hours: 3	

AAS: Automotive Technology

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

These courses may be taken at Tyler Junior College (if offered) or TSU-Stephenville Campus			
ENGL 1302 – Composition II		MATH 1316 – Plane Trigonometry or	MATH 1342 – Elementary Statistical Methods
C*Life and Physical Science Core Elective (4 credits)		C*Life and Physical Science Core Elective (4 credits)	
HIST 1301 – United States History I		HIST1302 – United States History II	
GOVT 2305 – Federal Government		GOVT 2306 – Texas Government	
C*Creative Arts Core Elective		C*Any Core Course (1 credit minimum)	
Total Semester Hours: 16		Total Semester Hours: 14	

Third Year – Tarleton State University

FIRST SEMESTER		SECOND SEMESTER	
Advanced ENGT Elective		ENGT 4320 Occupational Safety and Health	
ENGT 3318 Research & Reporting for Technologists		ENGT 3395 Project Management	
ENGT 3326 Ergonomics and Work Methods (Spring Only)		ENGT 3360 Safety Management	
ENGT 3320 Industrial Safety		Advanced ENGT Elective	
Total Semester Hours: 12		Total Semester Hours: 12	

Fourth Year – Tarleton State University

FIRST SEMESTER
ENGT 3375 Continuous Improvement
Advanced Elective
Advanced Elective
Advanced Elective
Advanced Elective
Total Semester Hours: 15

Total Degree Hours: 129

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.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

T Degree availability varies by campus; consult www.tarleton.edu for more information.

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