



**AAS Automotive Technology to
BAAS in Manufacturing and Industrial Management
Safety Management Concentration ^T
Guided Pathway
Effective for the 2020-2021 Catalog**



First Year- Hill College

FIRST SEMESTER- 16 Hours	SECOND SEMESTER – 16 Hours
AUMT 1407 Automotive Electrical Systems	AUMT 2413 Automotive Drive Train & Axles
AUMT 1410 Automotive Brake Systems	AUMT 1419 Automotive Engine Repair
AUMT 1416 Automotive Steering/Suspension	AUMT 2417 Automotive Engine Performance Analysis I
AUMT 2421 Automotive Electrical Diagnosis and Repair	AUMT 2434 Automotive Engine Performance Analysis II
Total Semester Hours: 16	Total Semester Hours: 16
SUMMER- 4 Hours	
AUMT 1445 Automotive Heating and Air Conditioning	
Total Semester Hours: 4	

Second Year – Hill College

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

FIRST SEMESTER – 12 Hours	SECOND SEMESTER- 12 Hours
AUMT 2301 Automotive Management	^C *MATH College Level Mathematics Elective
POFT 1220 Job Search Skills	^C SOCI 1301 Introduction to Sociology
AUMT 2425 Automotive Automatic Transmission & Transaxle	^C *ELECTIVE Language, Philosophy and Culture
^C ENGL 1301 Composition I	^C BCIS 1305 Business Computer Applications
Total Semester Hours: 12	Total Semester Hours: 12

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 Hill College (if offered) or TSU	
MATH 1316 Plane Trigonometry OR MATH 1342 Statistics	^{*C} Life & Physical Science Core Elective (4 credits)
^C ENGL 1302 – Composition II	^{*C} Creative Arts Core Elective
^{*C} Life & Physical Science Core Elective (4 credits)	^C GOVT 2306 Texas Government
^{*C} Communication Core Elective	^C GOVT 2305 Federal Government
^C HIST1301 United States History I	^C HIST 1302 United States History II
Total Semester Hours: 16	Total Semester Hours: 16

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4320 Occupational Safety and Health
Advanced Elective Course	ENGT 3395 Project Management
ENGT 3320 Industrial Safety	Advanced ENGT Course
Advanced Elective Course	Advanced Elective Course
Total Semester Hours: 12	Total Semester Hours: 12

Fourth Year - Tarleton State University

FIRST SEMESTER
ENGT 3360 Safety Management
Advanced ENGT Course
Advanced Elective Course
ENGT 3326 Ergonomics and Work Methods (Spring)
ENGT 3375 Continuous Improvement

Total Semester Hours: 15

Total: 131

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.

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