



**AAS Automotive Technology to  
BAAS in Manufacturing and Industrial Management  
General Concentration <sup>T</sup>  
Guided Pathway  
Effective for the 2020-2021 Catalog**



**First Year- Hill College**

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

<b>FIRST SEMESTER – 12 Hours</b>	<b>SECOND SEMESTER- 12 Hours</b>
<b>AUMT 2301</b> Automotive Management	<sup>C</sup> <b>*MATH</b> College Level Mathematics Elective
<b>POFT 1220</b> Job Search Skills	<sup>C</sup> <b>SOCI 1301</b> Introduction to Sociology
<b>AUMT 2425</b> Automotive Automatic Transmission & Transaxle	<sup>C</sup> <b>*ELECTIVE</b> Language, Philosophy and Culture
<sup>C</sup> <b>ENGL 1301</b> Composition I	<sup>C</sup> <b>BCIS 1305</b> 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.

<b>These courses may be taken at Hill College (if offered) or TSU</b>	
MATH 1316 Plane Trigonometry OR MATH 1342 Statistics	<sup>*C</sup> Life & Physical Science Core Elective (4 credits)
<sup>C</sup> ENGL 1302 – Composition II	<sup>*C</sup> Creative Arts Core Elective
<sup>*C</sup> Life & Physical Science Core Elective (4 credits)	<sup>C</sup> GOVT 2306 Texas Government
<sup>*C</sup> Communication Core Elective	<sup>C</sup> GOVT 2305 Federal Government
<sup>C</sup> HIST1301 United States History I	<sup>C</sup> HIST 1302 United States History II

**Third Year – Tarleton State University**

<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>
ENGT 3318 Research and Reporting for Technologists	Advanced ENGT Course
Advanced ENGT Course	ENGT 3395 Project Management
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced Elective Course

**Fourth Year – Tarleton State University**

<b>FIRST SEMESTER</b>
ENGT 3375 Continuous Improvement
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
Advanced Elective Course

**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.

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

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.