



**AAS Automotive Technology to  
BAAS in Manufacturing and Industrial Management  
Guided Pathway  
Effective for the 2016-2017 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
SUMMER- 4 Hours	
AUMT 1445 Automotive Heating and Air Conditioning	

**Second Year – Hill College**

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

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 or Creative Arts Core
C ENGL 1301 Composition I	BCIS 1305 Business Computer Applications

**AAS: Automotive 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 HIST1301 United States History I	C HIST 1302 United States History II
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.