



Automotive Technology AAS to  
BAAS in Manufacturing and Industrial Management  
Industrial Management Concentration  
Guided Pathway  
2018-2019 Catalog



**First Year – Vernon College**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> COSC 1301 Introduction to Computing; or ITSC 1301 Introduction to Computers	AUMT 1419 Automotive Engine Repair
OSHT 1309 Physical Hazards Control	AUMT 1445 Automotive Climate Control Systems
<sup>C</sup> ENGL 1301 Composition I	<sup>C</sup> XXXX X3XX Humanities/Fine Arts Elective
AUMT 1407 Automotive Electrical Systems	<sup>C</sup> MATH 1314 College Algebra; or <sup>C</sup> MATH 1332 Contemporary Mathematics
AUMT 1410 Automotive Brake Systems	<sup>C</sup> SPCH 1315 Public Speaking

**Second Year – Vernon College**

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

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> GOVT 2305 Federal Government	AUMT 2310 Automotive Service Consultant
<sup>C</sup> BUSI 1301 Business Principles	AUMT 2417 Automotive Engine Performance Analysis I
XXXX X3XX Approved Elective	AUMT 1267 Practicum (or Field Experience)- Automobile/Automotive Mechanics Technology/Technician
AUMT 1416 Automotive Suspension and Steering Systems	XXXX X4XX Approved Elective

**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 3318 Research and Reporting for Technologists	ENGT 4336 Production Planning
<sup>C</sup> MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
<sup>C</sup> ENGL 1302 Composition II	<sup>*</sup> C Life and Physical Science Core Elective
<sup>*</sup> C Life and Physical Science Core Elective	<sup>*</sup> C Creative Arts Core Elective
SUMMER	
ENGT 3375 Continuous Improvement	<sup>C</sup> GOVT 2306 Texas Government
<sup>C*</sup> Any Core Elective	

**Fourth Year - Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 4347 Metrics and Measurement (Fall Only)
Advanced ENGT Course	<sup>*</sup> C Social and Behavioral Science Core Elective
Advanced Elective Course	Advanced Elective Course
Advanced Elective Course	Advanced Elective Course
<sup>C</sup> HIST1301 United States History I	<sup>C</sup> HIST 1302 United States History II

**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.