



AAS – Automotive Applied Technology to  
**Bachelor of Applied Arts and Sciences in  
 Manufacturing and Industrial Management  
 Industrial Management Concentration <sup>T</sup>**  
**Guided Pathway**  
 Effective for the 2019-2020 Catalog



**First Year – Del Mar College**

FIRST SEMESTER	SECOND SEMESTER
AUMT 1405 Introduction to Automotive Technology	AUMT 2417 Automotive Engine Performance Analysis I
AUMT 1407 Automotive Electrical Systems	AUMT 2421 Automotive Electrical Diagnosis & Repair
AUMT 1410 Automotive Brake Systems	AUMT 2437 Automotive Electronics*
<sup>C</sup> ENGL 1301 Composition I	<sup>C</sup> PHYS 1305 Introductory Physics I*

Total Semester Hours: 15

Total Semester Hours: 15

**Second Year – Del Mar College**

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

FIRST SEMESTER	SECOND SEMESTER
AUMT 1419 Automotive Engine Repair	AUMT 1316 Automotive Suspension and Steering System
AUMT 1445 Automotive Climate Control Systems	AUMT 2301 Automotive Management
AUMT 2413 Automotive Drive Train & Axles	WLDG 1307 Introduction to Welding Using Multiple Processes
<sup>C</sup> SPCH 1311 Introduction to Speech Communications*	<sup>C</sup> HIST 1301 United States History I*
	<sup>C</sup> PHIL 1301 Introduction to Philosophy*

Total Semester Hours: 15

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**AAS: Automotive Applied 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 Del Mar College (if offered) or TSU-Stephenville Campus**

<sup>C</sup> * Life and Physical Science Core Elective (4 credits)	<sup>C</sup> * Life and Physical Science Core Elective (4 credits)
<sup>C</sup> * Mathematics Core Elective	MATH 1316 Plane Trigonometry <u>OR</u> MATH 1342 Elementary Statistics
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> * Creative Arts Core Elective
<sup>C</sup> * GOVT 2306 Texas Government	<sup>C</sup> HIST 1302 United States History II
<sup>C</sup> * Social and Behavioral Core Elective	<sup>C</sup> GOVT 2305 Federal Government

Total Semester Hours: 16

Total Semester Hours: 15

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	ENGT 4346 Manufacturing Management
Advanced Elective Course	Advanced ENGT Course

Total Semester Hours: 12

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**Fourth Year - Tarleton State University**

FIRST SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
Advanced Elective Course

Total Semester Hours: 15

Total Degree Hours: 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.

<sup>C</sup> 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.

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