



AAS – Automotive Applied Technology to  
**Bachelor in Applied Arts and Sciences, Manufacturing  
 and Industrial Management**  
**Safety Concentration**  
**Guided Pathway**  
 Effective for the 2018-2019 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

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### 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	ITSC 1301 Introduction to Computers
<sup>C</sup> SPCH 1311 Introduction to Speech Communications*	<sup>C</sup> HIST 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.

### Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4320 Occupational Safety and Health
ENGT 3320 Industrial Safety	ENGT 3395 Project Management
<sup>C</sup> *Mathematics Core Elective	ENGT 3326 Ergonomics and Work Methods (Spring Only)
<sup>C</sup> *GOVT 2306 Texas Government	ENGT 3360 Safety Management
<sup>C</sup> *Life and Physical Science Core Elective	MATH 1316 Plane Trigonometry <u>OR</u> MATH 1342 Elementary Statistics
SUMMER	
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> *Life and Physical Science Core Elective
<sup>C</sup> *Social & Behavioral Science Core Elective	

### Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3375 Continuous Improvement	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	<sup>C</sup> HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
<sup>C</sup> Creative Arts Core Elective	<sup>C</sup> 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.

<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.