



AAS in Automotive Service Technology
 Toyota Technician Education Network to
 Bachelor of Applied Arts and Sciences in
 Manufacturing and Industrial Management
 Safety Management Concentration^T



Guided Pathway
 2019-2020 Catalog

First Year - Tarrant County College District

FIRST SEMESTER	SECOND SEMESTER
AUMT 1371 – Manufacturer’s Maintenance and Pre-delivery	AUMT 1316 – Automotive Suspension & Steering Systems
AUMT 1307 – Automotive Electrical Systems	AUMT 1410 – Automotive Brake Systems
AUMT 2321 – Automotive Electrical Diagnosis and Repair	AUMT 1345 – Automotive Climate Control Systems
AUMT 1319 – Automotive Engine Repair	SPCH 1321 – Business and Professional Communication (010) ^{C*}
AUMT 1306 – Automotive Engine Removal and Installation	AUMT 2188 – Internship-Automobile/Automotive mechanics Technology/Technician
ENGL 1301 (010) – Composition I ^C	

Total Semester Hours: 18

Total Semester Hours: 14

Second Year – Tarrant County College District

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

FIRST SEMESTER	SECOND SEMESTER
AUMT 2311 – Automotive Electronic Controls	AUMT 2413 – Automotive Drive Train and Axles
AUMT 2417 – Automotive Engine Performance Analysis I	AUMT 2434 – Auto Engine Performance Analysis II
AUMT 2425 – Auto Automatic Transmission/Transaxle	MATH 1332 – Contemporary Mathematics (Quantitative Reasoning) (020) ^{C*}
ARTS 1301 – Art Appreciation ^{C*}	GOVT 2305 – Federal Government (Federal Const & Top) (070) ^{C*}

Total Semester Hours: 14

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AAS: Automotive Service Technology - Toyota Technician Education Network

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 completed at TCC (if offered) or TSU-Stephenville Campus

^{C*} Life and Physical Science Core Elective (4 credits) (030)	^{C*} Life and Physical Science Core Elective (4 credits) (030)
^C HIST 1301 – United States History I	^C HIST1302 – United States History II
^{C*} Any Core Applicable Course (090) (1 credit minimum)	^{C*} Language, Philosophy and Culture Core Elective (040)
MATH 1316 – Plane Trigonometry or MATH 1342 – Elementary Statistical Methods	^C ENGL 1302 – Composition II
^C GOVT 2306 – Texas Government	^{C*} Social and Behavioral Science Core Elective (080)

Total Semester Hours: 14

Total Semester Hours: 16

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced ENGT Elective	ENGT 4320 Occupational Safety and Health
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
ENGT 3326 Ergonomics and Work Methods (Spring Only)	ENGT 3360 Safety Management
ENGT 3320 Industrial Safety	Advanced ENGT Elective

Total Semester Hours: 12

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Fourth Year – Tarleton State University

FIRST SEMESTER
ENGT 3375 Continuous Improvement
Advanced Elective
Advanced Elective
Advanced Elective
Advanced Elective

Total Semester Hours: 15

Total Degree Hours: 129

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.

⁽⁾ Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

^T Degree availability varies by campus; consult www.tarleton.edu for more information.

For questions about the University portion of this guided pathway, contact Engineering Technology Department at (254)968-9010 or Engineering.Technology@tarleton.edu.