



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

Total Semester Hours: 14

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

Total Semester Hours: 12

Total Semester Hours: 12

Fourth Year – Tarleton State University

| FIRST SEMESTER |
|---|
| ENGT 4347 Metrics and Measurement (Fall Only) |
| 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.