



**AAS in Fire Protection Technology to  
Bachelor of Applied Arts and Sciences in  
Manufacturing and Industrial Management  
Industrial Management Concentration <sup>T</sup>**



**Guided Pathway  
2019-2020 Catalog**

**First Year – Tyler Junior College**

| FIRST SEMESTER   | SECOND SEMESTER  |
|--|--|
| EMSP 1501- Emergency Medical Technician OR FIRT- 1301        | FIRS 1313 - Firefighter Certification III OR FIRT 1338 |
| EMSP 1160 - Clinical- Emergency Medical Tech. OR FIRT 1353   | FIRS 1319 - Firefighter Certification IV OR FIRT 1333  |
| FIRS 1103 - Firefighter Agility & Fitness Prep. OR FIRT 1327 | FIRS 1323 - Firefighter Certification V OR FIRT 1305   |
| FIRS 1301- Firefighter Certification I OR FIRT 1311          | FIRS 1329 - Firefighter Certification VI OR FIRT 1315  |
| FIRS 1407- Firefighter Certification II OR CRIJ 1301         | FIRS 1433 - Firefighter Certification VII OR FIRT 1349 |

Total semester hours: 14

Total semester hours: 16

**Second Year – Tyler Junior College**

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

| FIRST SEMESTER                                   | SECOND SEMESTER   |
|--|---|
| FIRT 1309 - Fire Administration I                | FIRT 1319 - Firefighter Health and Safety                         |
| FIRT 1303 - Fire and Arson Investigation I       | FIRT 2309 - Firefighter Strategies and Tactics I                  |
| FIRT 1307- Fire Prevention Codes and Inspections | *GOVT 2306- Texas Government (070)                                |
| *MATH xxxx- Mathematics Core (020)               | *xxxx x3xx- Lang., Philosophy and Culture Core* (040)             |
| *ENGL 1301 – Composition I(010)                  | *SPCH 1321 – Bus. & Professional Communication OR SPCH 1315 (010) |

Total semester hours: 15

Total semester hours: 15

**AAS: Fire Protection 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 Tyler Junior College or TSU                       |  |
|---|--|
| *Creative Arts Core Elective  | *ENGL 1302 – Composition II                  |
| *Life and Physical Science Core Elective  | *Life and Physical Science Core Elective     |
| *HIST 1301 – United States History I  | *HIST1302 – United States History II         |
| MATH 1316 – Plane Trigonometry or<br>MATH 1342 – Elementary Statistical Methods | *GOVT 2305 – Federal Government              |
| *Component Area Option  | *Social and Behavioral Science Core Elective |

Total Semester Hours: 16

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

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**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: 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.

\* 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.

For questions about the university portion of this pathway,  
contact the Engineering Technology Department at (254)968-9010 or [Engineering.Technology@tarleton.edu](mailto:Engineering.Technology@tarleton.edu).