



AAS Fire Protection Technology to  
BAAS in Manufacturing and Industrial Management  
Industrial Management Concentration <sup>T</sup>  
**Guided Pathway**  
2019-2020 Catalog



### First Year - Tarrant County College District

FIRST SEMESTER	SECOND SEMESTER
COSC 1301 - Introduction to Computing*	FIRT 1338 - Fire Protection Systems
FIRT 1301 - Fundamentals of Fire Protection	FIRT 1307 - Fire Prevention Codes and Inspection
ENGL 1301 (010) - Composition I <sup>C</sup>	FIRT 1329 - Building Codes and Construction
GOVT 2306 (080) - Texas Government <sup>C</sup>	CHEM 1406 - Introductory Chemistry I (Allied Health)
PSYC 2301 (080) - Introduction to Psychology <sup>C*</sup>	ARTS 1301 (050) - Art Appreciation <sup>C*</sup>
	KINE 1164 (090) - Intro to Physical Fitness and Wellness <sup>C</sup>

Total Semester Hours: 15

Total Semester Hours: 17

### Second Year - Tarrant County College District

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

FIRST SEMESTER	SECOND SEMESTER
FIRT 1433 - Fire Chemistry I	FIRT 1349 - Fire Administration II
FIRT 1311 - Fire Service Hydraulics	FIRT 1315 - Hazardous Materials I
FIRT 1309 - Fire Administration I	FIRT 2388 - Internship *
FIRT 1391 - Special Topics in Fire Protection and Safety Technology/Technician *	FIRS 1301 - Firefighter Certification I*
FIRT 2309 - Firefighting Strategies and Tactics I*	

Total Semester Hours: 16

Total Semester Hours: 12

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

* <sup>C</sup> Communication Core Elective	* <sup>C</sup> Language, Philosophy, & Culture Core Elective
<sup>C</sup> GOVT 2305 Federal Government	* <sup>C</sup> Life & Physical Science Core Elective (4 credits)
MATH 1316 Plane Trigonometry OR Math 1342 Statistics	* <sup>C</sup> Mathematics Core Elective
<sup>C</sup> ENGL 1302 Composition II	* <sup>C</sup> Life & Physical Science Core Elective (4 credits)
<sup>C</sup> HIST 1301 – United States History I	<sup>C</sup> HIST1302 – United States History II

Total Semester Hours: 15

Total Semester Hours: 17

### 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: 128

**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.

<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 guided pathway,  
Contact the Engineering Technology Department at (254)968-9010 or [Engineering.Technology@tarleton.edu](mailto:Engineering.Technology@tarleton.edu).