



**Associate of Applied Science Fire Science  
Technology to BAAS in Manufacturing and  
Industrial Management - General Concentration <sup>T</sup>  
Guided Pathway**

**Effective for the 2019-2020 Catalog**



**First Year – NCTC**

FIRST SEMESTER	SECOND SEMESTER
<b>FIRS 1203</b> Fire Fighter Agility & Fitness Preparation	<b>EMSP 1160</b> Clinical-Emergency Medical Technician/Technology
<b>FIRS 1301</b> Firefighter Certification I	<b>EMSP 1501</b> Emergency Medical Technician
<b>FIRS 1313</b> Firefighter Certification III	<b>FIRT 1319</b> Firefighter Health & Safety
<b>FIRS 1319</b> Firefighter Certification IV	<b>CORE – Fine Arts</b>
<b>FIRS 1323</b> Firefighter Certification V	
<b>FIRS 1329</b> Firefighter Certification VI	
<b>FIRT 2188</b> Internship-Fire Protection & Safety Technology/Technician	

Total Semester Hours: 18

Total Semester Hours: 12

**Second Year – NCTC**

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

FIRST SEMESTER	SECOND SEMESTER
<b>CENGL 1301</b> Composition	<b>FIRT 1329</b> Building Codes & Construction
<b>FIRT 1307</b> Fire Prevention Codes & Inspections	<b>FIRT 1333</b> Fire Chemistry I
<b>FIRT 1309</b> Fire Administration I	<b>FIRT 1338</b> Fire Protection Systems
<b>C MATH 1314</b> College Algebra	<b>C GOVT 2305</b> Federal Government
<b>C PSYC 2301</b> General Psychology	<b>FIRT 2309</b> Firefighting Strategies & Tactics I

Total Semester Hours: 15

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**AAS: Fire Science 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 NCTC (if offered) or TSU-Stephenville Campus	
<b>MATH 1316</b> Plane Trigonometry OR <b>Math 1342</b> Statistics	<b>C*Life and Physical Science Core Elective (4 credits)</b>
<b>C*Communication</b>	<b>C HIST 1301</b> United States History I
<b>C ENGL 1302 – Composition II</b>	<b>C GOVT 2306</b> Texas Government
<b>C*Life and Physical Science Core Elective (4 credits)</b>	<b>C HIST 1302</b> United States History II
<b>C*Any Core Elective (minimum 1 credit)</b>	<b>C* Language, Philosophy and Culture</b>

Total Semester Hours: 14

Total Semester Hours: 16

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
<b>ENGT 3318</b> Research & Reporting for Technologists	<b>ENGT 3395</b> Project Management
Advanced ENGT Elective	Advanced ENGT Elective
Advanced ENGT Elective	Advanced ENGT Elective
Advanced ENGT Elective	Advanced ENGT Elective

Total Semester Hours: 12

Total Semester Hours: 12

**Fourth Year – Tarleton State University**

FIRST SEMESTER
<b>ENGT 3375</b> 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.**

<sup>\*</sup> 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirement for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.