



**Associate of Applied Science Fire Science Technology to
BAAS in Manufacturing and Industrial Management
Safety Management Concentration ^T
Guided Pathway
Effective for the 2019-2020 Catalog**



First Year – NCTC

FIRST SEMESTER	SECOND SEMESTER
FIRS 1203 Fire Fighter Agility & Fitness Preparation	EMSP 1160 Clinical-Emergency Medical Technician/Technology
FIRS 1301 Firefighter Certification I	
FIRS 1313 Firefighter Certification III	EMSP 1501 Emergency Medical Technician
FIRS 1319 Firefighter Certification IV	FIRT 1319 Firefighter Health & Safety
FIRS 1323 Firefighter Certification V	C CORE – Humanities/Fine Arts
FIRS 1329 Firefighter Certification VI	
FIRT 2188 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
C ENGL 1301 Composition	FIRT 1329 Building Codes & Construction
FIRT 1307 Fire Prevention Codes & Inspections	FIRT 1333 Fire Chemistry I
FIRT 1309 Fire Administration I	FIRT 1338 Fire Protection Systems
C MATH 1314 College Algebra	C GOVT 2305 Federal Government
C PSYC 2301 General Psychology	FIRT 2309 Firefighting Strategies & Tactics I

Total Semester Hours: 15

Total Semester Hours: 15

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

MATH 1316 Plane Trigonometry OR Math 1342 Statistics	C *Life and Physical Science Core Elective (4 credits)
C *Communication	C HIST 1301 United States History I
C ENGL 1302 – Composition II	C GOVT 2306 Texas Government
C *Life and Physical Science Core Elective (4 credits)	C HIST 1302 United States History II
C *Any Core Elective (minimum 1 credit)	C * Language, Philosophy and Culture

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

Total Semester Hours: 12

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.

* 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. 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).

^T Degree availability varies by campus; consult 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.