



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



First Year - NCTC

FIRST SEMESTER	SECOND SEMESTER
DFTG 1305 – Technical Drafting	DFTG 2306 – Machine Design
DFTG 1309 – Basic Computer Drafting	DFTG 2300 – Interm Architectural Drafting
DFTG 1317 – Architectural Drafting	DFTG 2302 – Machine Drafting
DFTG 1333 – Mechanical Drafting	DFTG 2319 – Interm. Computer Drafting
DFTG 2340 – Solid Modeling/Design	DFTG 2317 – Descriptive Geometry
Total Semester Hours: 15	Total Semester Hours: 15

Second Year – NCTC

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

FIRST SEMESTER	SECOND SEMESTER
DFTG 1302 – Introduction to Technical Animation and Rendering	DFTG 2386 – Internship – Drafting and Design Technology/Techician
DFTG 2328 – Architectural Drafting Commercial	C MATH 1314 – College Algebra*
DFTG 1358 – Electrical/Electronics Drafting	C ECON 2301 – Prin. of Macroeconomics*
DFTG 2330 – Civil Drafting	C SPCH 1321 – Business & Prof Speech*
C ARTS 1301 – Art Appreciation	C GOVT 2305 – Federal Government*
Total Semester Hours: 15	Total Semester Hours: 15

AAS: Engineering 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	
C HIST 1302 United States History II	C GOVT 2306 Texas Government
C ENGL 1301 – Composition I	C *Life and Physical Science Core Elective (4 credits)
C *Life and Physical Science Core Elective (4 credits)	C ENGL 1302 – Composition II
C *Any Core Course (minimum 1 credit)	C HIST 1301 United States History I
MATH 1316 Plane Trigonometry OR Math 1342 Statistics	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 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.

- * 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.