



AAS – Drafting and Design Technical to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
Industrial Management Concentration^T
Guided Pathway
 Effective for the 2019-2020 Catalog



First Year – Del Mar College

FIRST SEMESTER	SECOND SEMESTER
DFTG-1309 Basic Computer-Aided Drafting	DFTG-2319 Intermediate CAD
^C ENGL-1301 English Composition I	CNBT 2342 Construction Management I
ARCH 2312 Architectural Technology I	CNBT 1346 Construction Estimating I
^C PSYC 2301 General Psychology	ARCH 2352 Mechanical and Electrical Systems
^C SPCH Communication Elective	^C ARCH 1301 Architectural History I

Total Semester Hours: 15

Total Semester Hours: 15

Second Year – Del Mar College

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

FIRST SEMESTER	SECOND SEMESTER
ARTV 1302 Introduction to Technical Animation and Rendering	ARCE-1352 Structural Drafting
CNBT 1359 Project Scheduling	DFTG-2323 Pipe Drafting
ARCE 1342 Code Specifications and Contract Documents	ARCH 1315 Architectural Computer Graphics
ARCE 2344 Statics and Strength Materials	DFTG 2302 Machine Drafting
MCHN-2331 Operations Of CNC Turning Centers	^C MATH 1316 Plane Trigonometry

Total Semester Hours: 15

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AAS: Drafting and Design Technical

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 Del Mar College or TSU

^C HIST 1301 United States History I	^C HIST 1302 United States History II
^C * Life and Physical Science Core Elective	^C * Life and Physical Science Core Elective
^C * Institutional Option Core Elective	^C GOVT 2305 Federal Government
^C ENGL 1302 Composition II	^C * Language, Philosophy & Culture Core Elective
^C * GOVT 2306 Texas Government	MATH 1342 Elementary Statistics

Total Semester Hours: 16

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Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	ENGT 4346 Manufacturing Management

Total Semester Hours: 9

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Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	Advanced ENGT Course
Advanced Elective Course	

Total Semester Hours: 12

Total Semester Hours: 9

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.

^C 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.

^T Degree availability varies by campus; consult www.tarleton.edu for more information.