



AAS – Industrial Machining Applied Technology to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
Safety Concentration
Guided Pathway
 Effective for the 2018-2019 Catalog



First Year – Del Mar College

FIRST SEMESTER	SECOND SEMESTER
MCHN 1301 Beginning Machine Shop	DFTG 1309 Basic Computer – Aided Drafting
MCHN 1338 Basic Machine Shop I	MCHN 1313 Basic Milling Operations
MCHN 1341 Basic Machine Shop II	MCHN 1358 Interned Lathe Operations
MCHN 1308 Basic Lathe	ENGL 1301 Composition I
^CGEOL 1301 Earth Sciences*	^CSPCH 1311 Intro Speech Communication

Total Semester Hours: 15

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Second Year – Del Mar College

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

FIRST SEMESTER	SECOND SEMESTER
MCHN 1343 Machine Shop Mathematics	MCHN 2337 Advanced Computer Aided Manufacturing
MCHN 2302 Intermediate Milling Operations	MCHN 2331 Advanced Machining I
MCHN 2344 Computer Num Control Programming	MCHN 2345 Advanced Machining Oper II
MCHN 2331 Operation of CNC Turning Centers	^CDRAM 1310 Introduction to Theatre
^CHIST 1301 United States History I	MCHN 2334 Operation of CNC Machining Centers

Total Semester Hours: 15

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AAS: Industrial Machining Applied Technology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4320 Occupational Safety and Health
ENGT 3320 Industrial Safety	ENGT 3395 Project Management
^{C*}Social & Behavioral Science Core Elective	ENGT 3326 Ergonomics and Work Methods (Spring Only)
^CGOVT 2306 Texas Government	ENGT 3360 Safety Management
^{C*}Math Core Elective	MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistics
SUMMER	
^CENGL 1302 Composition II	^{C*}Life and Physical Science Core Elective
^{C*}Language, Philosophy & Culture Core Elective	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3375 Continuous Improvement	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	^CHIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
^{C*}Life and Physical Science Core Elective	^CGOVT 2305 Federal Government

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.