



AAS – Industrial Machining Applied Technology to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
Industrial Management 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
C GEOL 1301 Earth Sciences*	C SPCH 1311 Intro Speech Communication

Total Semester Hours: 15

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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
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	C DRAM 1310 Introduction to Theatre
C HIST 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 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistics
C *Life and Physical Science Core Elective	ENGT 4346 Manufacturing Management
C *Math Core Elective	C *Life and Physical Science Core Elective
SUMMER	
C ENGL 1302 Composition II	C *Language, Philosophy & Culture Core Elective

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	C HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
C Social & Behavioral Science Core Elective	C GOVT 2305 Federal Government
SUMMER	
C GOVT 2306 Texas 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.