



Associate of Applied Science in Industrial Machining Applied Technology
Specialization: Industrial Rotating Equipment Mechanic (Millwright),
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 1325 Millwright I	MCHN 1301 Beginning Machine Shop
MCHN 1338 Basic Machine Shop I	MCHN 2305 Millwright III
MCHN 1341 Basic Machine Shop II	MCHN 2307 Millwright IV
MCHN 1329 Millwright II	MCHN 1343 Machine Shop Mathematics
^C MATH 1314 – College Algebra	

Total Semester Hours: 15

Total Semester Hours: 12

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 1308 Basic Lathe	MCHN 1313 Basic Milling Operations
MCHN 2321 Millwright V	MCHN 2316 Millwrighting VII
MCHN 2314 Millwright VI	MCHN 2318 Millwright VIII
^C ENGL 1301 – Composition I	

Total Semester Hours: 12

Total Semester Hours: 9

THIRD SEMESTER	
INMT 2388 Internship-Manufacturing Technology / Tech	^C SPCH 1311– Intro. To Speech Communication
^C PSYC 2301 – General Psychology	^C PHIL 1301 – Intro. To Philosophy

Total Semester Hours: 12

AAS: Industrial Machining Applied Technology

Specialization: Industrial Rotating Equipment Mechanic (Millwright)

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 Trig or MATH 1342 Elem Stats
^C *Institutional Option Core Elective	ENGT 4346 Manufacturing Management
^C *Life and Physical Science Core Elective	^C *Life and Physical Science Core Elective

Total Semester Hours: 16

Total Semester Hours: 16

SUMMER	
^C ENGL 1302 Composition II	^C *Creative Arts Core Elective
^C *GOVT 2306 Texas Government	

Total Semester Hours: 9

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 HIST1301 United States History I	^C GOVT 2305 Federal Government

Total Semester Hours: 15

Total Semester Hours: 15

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.