

Industrial Machining Applied Technology
Specialization: Industrial Rotating Equipment Mechanic (Millwright), Associate In Applied Science
Bachelor in 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 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 PSYC 2301 – General Psychology
C SPCH 1311– Intro. To Speech Communication
C PHIL 1301 – Intro. To Philosophy

Total Semester Hours: 12

AAS: Industrial Machining Applied Technology
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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
MATH 1316 Plane Trig or MATH 1342 Elem Stats	ENGT 3326 Ergonomics and Work Methods (Spring Only)
C *GOVT 2306 Texas Government	ENGT 3360 Safety Management
C *Life and Physical Science Core Elective	C *Life and Physical Science Core Elective
SUMMER	
C ENGL 1302 Composition II	C *First Year Seminar: Learning Frameworks

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	C HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
C HIST1301 United States History I	C GOVT 2305 Federal Government
SUMMER	
C *Creative Arts Core Elective	

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.

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.