



AAS – Nondestructive Testing Technology 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
METL 1301 Introduction to Metallurgy	NDTE 2571 Advanced Liquid Penetrate / Magnetic Part
NDTE 1471 Intro to NDT / Codes and Standards	NDTE 1405 Introduction to Ultra Sonic Testing
NDTE 1310 Liq Penetrate / Magnetic Testing	^C ENGL 1301 Composition I
NDTE 2311 Preparation for Welding Inspection	^C DRAM 1310 Introduction to Theatre*
Total Semester Hours: 13	Total Semester Hours: 15

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
NDTE 1340 Eddy Current Testing	NDTE 2572 Advanced Eddy Current Testing
NDTE 2401 Advanced Ultra Sonics	NDTE 2473 Advanced Radiography
^C GEOL 1301 Earth Science	^C SPCH 1311 Introduction to Speech Communications
NDTE 1371 Intro to Radiation Safety	NDTE 2474 Industrial Radiography Testing Level II
^C HIST 1301 United States History*	
Total Semester Hours: 16	Total Semester Hours: 16

AAS: Nondestructive Testing Technology

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 (if offered) or TSU-Stephenville Campus	
^C *Life and Physical Science Core Elective (credits)	MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics
^C *Math Core Elective	^C *Life and Physical Science Core Elective (4 credits)
^C ENGL 1302 Composition II	^C GOVT 2306 Texas Government
^C *Language, Philosophy & Culture Core Elective	^C HIST 1302 United States History II
^C *Social & Behavioral Science Core Elective	^C GOVT 2305 Federal Government
Total Semester Hours: 16	Total Semester Hours: 16

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
Advanced Elective Course	Advanced ENGT Course
Total Semester Hours: 12	Total Semester Hours: 12

Fourth Year - Tarleton State University

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

Total Semester Hours: 15

Total Degree Hours: 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.

*For questions about the university portion of this pathway,
 Contact the Department of Engineering Technology at 254-968-9014 or engineering.technology@tarleton.edu.*