

TRANSFER PATHWAY
(For Transfer to Tarleton State University)
ASSOCIATE OF APPLIED SCIENCE IN WELDING TECHNOLOGY TO
BACHELOR OF APPLIED ARTS AND SCIENCES IN MANUFACTURING AND INDUSTRIAL MANAGEMENT ^T

Catalog Year 2021-2022 You may use this pathway if you entered Dallas College on or before this date.

Career Path Manufacturing and Industrial Technologies

Available at Richland Campus

TSI Must be Complete

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. Certain courses for this program are only offered at the Mountain View Campus. Contact your advisor for information.

AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

SEMESTER 1 Total Hours: 13

WLDG 1200 – Introduction to Welding
WLDG 1425 – Introduction to Oxy-fuel Welding and Cutting
WLDG 1428 – Introduction to Shielded Metal Arc Welding (SMAW)
ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*

SEMESTER 2 Total Hours: 17

WLDG 1337 – Introduction to Welding Metallurgy
WLDG 1457 – Intermediate Shielded Metal Arc Welding (SMAW)
WLDG 1430 – Introduction to Gas Metal Arc Welding (GMAW)
SPCH 1311 – Introduction to Speech Communication *This is a (CB 090) Core course.*
Humanities/Fine Arts (TSU requires) Core Elective *This is a (CB 040 or CB 050) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

SEMESTER 3 Total Hours: 15

PSYC 2301 – General Psychology *This is a (CB 080) Core course.*
WLDG 1434 – Introduction to Gas Tungsten Arc (GTAW) Welding
CHOOSE ONE: **DFTG 1425** – Blueprint Reading and Sketching OR
WLDG 1471 – Welding Qualifications
WLDG 2443 – Advanced Shielded Metal Arc Welding (SMAW)

SEMESTER 4 Total Hours: 15

MATH 1332 – Contemporary Mathematics (*Quantitative Reasoning*) *This is a (CB 020) Core course. Must earn a grade of "C" or higher.*
WLDG 2447 – Advanced Gas Metal Arc Welding (GMAW)
WLDG 2451 – Advanced Gas Tungsten Arc Welding (GTAW)
CHOOSE ONE: **WLDG 1480** – Cooperative Education-Welding Technology/Welder OR
NDTE 2411 – Preparation for Certified Welding Inspector Exam

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BACHELOR OF APPLIED ARTS AND SCIENCES IN MANUFACTURING AND INDUSTRIAL MANAGEMENT**

THESE COURSES MAY BE COMPLETED AT DALLAS COLLEGE (IF OFFERED) OR TSU

Total Hours: 30

ENGL 1302 – Composition I
Life and Physical Science Core Elective (4 credits) X 2
HIST 1301 – US History I
HIST 1302 – US History II
GOVT 2305 – Federal Government
GOVT 2306 – Texas Government
Language, Philosophy and Culture Core Elective
Any 1 Credit Core Elective
MATH 1316 – Plane Trigonometry OR MATH 1342 – Elementary Statistical Methods

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

For questions about the university portion of this transfer pathway, contact the **Academic Advising Office** at (254) 968-9746 or advising@tarleton.edu. It is best to apply to Tarleton State University a full semester before you plan to transfer.

SEMESTER 1

Total Hours: 15

Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course

SEMESTER 2

Total Hours: 12

Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course

SEMESTER 3

Total Hours: 12

Tarleton Course
Tarleton Course
Tarleton Course
Tarleton Course

[†] Degree availability varies by campus; consult www.tarleton.edu for more information.