

TRANSFER PATHWAY
(For Transfer to Tarleton State University)
ASSOCIATE OF APPLIED SCIENCE IN ENGINEERING TECHNOLOGY-
ELECTRONICS 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 Richland Campus. Contact your advisor for information.

AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

SEMESTER 1 **Total Hours: 13**

DFTG 1309 – Basic Computer-Aided Drafting
MCHN 1300 – Beginning Machine Shop
CETT 1403 – DC Circuits
CHOOSE ONE: **TECM 1341** – Technical Algebra *Must earn a grade of "C" or higher.* **OR**
MATH 1314 – College Algebra *This is a (CB 020) Core course. Must earn a grade of "C" or higher. (TSU requires)*

SEMESTER 2 **Total Hours: 17**

ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*
INTC 1307 – Instrumentation Test Equipment
CETT 1405 – AC Circuits
CETT 1425 – Digital Fundamentals
CHOOSE ONE: **TECM 1317** – Technical Trigonometry *Must earn a grade of "C" or higher.* **OR**
MATH 1316 – Plane Trigonometry *Must earn a grade of "C" or higher. (TSU requires)*

SEMESTER 3 **Total Hours: 18**

CETT 1429 – Solid State Devices
HYDR 1345 – Hydraulics and Pneumatics
CHOOSE ONE: **INMT 1417** – Industrial Automation **OR**
COSC 1436 – Programming Fundamentals I
CHOOSE ONE: **PHYS 1401** – College Physics I *This is a (CB 030) Core course.* **OR**
PHYS 1405 – Elementary Physics I *This is a (CB 030) Core course.*
CHOOSE ONE: **SPCH 1311** – Introduction to Speech Communication **OR**
SPCH 1315 – Public Speaking *These are (CB 090) Core courses.*

SEMESTER 4 **Total Hours: 12**

TECM 1349 – Technical Math Applications *Must earn a grade of "C" or higher.*
Social/Behavioral Science Core Elective *This is a (CB 080) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*
Humanities/Fine Arts 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.*
CHOOSE ONE: **CETT 1357** – Linear Integrated Circuits **OR**
CETT 2337 – Microcomputer Control **OR**
ENTC 2380 – Cooperative Education–Engineering Technology, General

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

Total Hours: 23

**ENGL 1302 – Composition I
Life and Physical Science Core Elective (4 credits)
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**

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