

TRANSFER PATHWAY
(For Transfer to Tarleton State University)
ASSOCIATE OF APPLIED SCIENCE IN ELECTRICAL ENGINEERING TECHNOLOGY (RLC) 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: 14**

CETT 1403 – DC Circuits
CHOOSE ONE: **RBTC 1401** – Programmable Logic Controllers **OR**
ELPT 2419 – Programmable Logic Controllers I
SPCH 1311 – Introduction to Speech Communication *This is a (CB 090) Core course.*
MATH 1314 – College Algebra *This is a (CB 020) Core course. Must earn a grade of "C" or higher.*

SEMESTER 2 **Total Hours: 15**

CETT 1405 – AC Circuits
INTC 1457 – AC/DC Motor Control
CETT 1425 – Digital Fundamentals
MATH 1316 – Plane Trigonometry

SEMESTER 3 **Total Hours: 15**

CETT 1441 – Solid State Circuits
CHOOSE ONE: **ELMT 1405** – Basic Fluid Power **OR**
HYDR 1445 – Hydraulics and Pneumatics
ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*
PHYS 1401 – College Physics I *This is a (CB 030) Core course.*

SEMESTER 4 **Total Hours: 16**

INMT 1417 – Industrial Automation *This is the capstone course for this award.*
CHEM 1411 – General Chemistry I *This is a (CB 030) Core course.*
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: **MCHN 1200** – Beginning Machine Shop **OR**
ENTC 2280 – Cooperative Education-Engineering Technology, General

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

Total Hours: 22

ENGL 1302 – Composition I
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
Any 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
Tarleton Course
Tarleton Course
Tarleton Course

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