

**TRANSFER PATHWAY**  
**(For Transfer to Tarleton State University)**  
**ASSOCIATE OF APPLIED SCIENCE IN COMMERCIAL ELECTRICAL TECHNOLOGY TO**  
**BACHELOR OF APPLIED ARTS AND SCIENCES IN MANUFACTURING AND INDUSTRIAL MANAGEMENT <sup>T</sup>**

**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**    North Lake 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 North Lake Campus. Contact your advisor for information.

#### AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

**SEMESTER 1** **Total Hours: 15**

- ELPT 1325 – National Electrical Code I
- ELPT 1311 – Basic Electrical Theory
- ELPT 1370 – Electrical Blueprint Reading
- ELPT 1329 – Residential Wiring
- CHOOSE ONE:** SPCH 1311 – Introduction to Speech Communication **OR**
- SPCH 1315 – Public Speaking **OR**
- SPCH 1321 – Business and Professional Communication *These are (CB 090) Core courses.*

**SEMESTER 2** **Total Hours: 16**

- Natural Sciences Elective** *This is a Core course. Must earn a grade of "C" or higher. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*
- ELPT 2325 – National Electrical Code II
- 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.*
- IEIR 1312 – Distribution Systems
- ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*

**SEMESTER 3** **Total Hours: 16**

- ELPT 1345 – Commercial Wiring
- ELPT 2443 – Electrical Systems Design
- CNBT 1359 – Project Scheduling
- ELPT 1341 – Motor Control
- CHOOSE ONE:** DFTG 1309 – Basic Computer-Aided Drafting **OR**
- ENGR 1304 – Engineering Graphics I

**SEMESTER 4** **Total Hours: 13**

- ELPT 2437 – Electrical Planning and Estimating (Capstone)
- CNBT 2315 – Construction Specifications and Contracts
- 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.*
- CHOOSE ONE:** ELTN 1380 – Cooperative Education—Electrician **OR**
- ELPT 1391 – Special Topics in Electrical and Power Transmission Installer, General

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

**Total Hours: 26**

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  
MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistical Methods  
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](mailto: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](http://www.tarleton.edu) for more information.