

**TRANSFER PATHWAY
(For Transfer to Lamar University)
ASSOCIATE OF APPLIED SCIENCE IN ELECTRICAL ENGINEERING TECHNOLOGY TO
BACHELOR OF SCIENCE IN INDUSTRIAL TECHNOLOGY**

Catalog Year 2019-2020 You may use this pathway if you entered one of the seven colleges on or before this date.

Career Path STEM Career Path

Available at Eastfield College and Richland College

TSI Must be Complete

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See 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 one of the seven DCCCD colleges awarding the degree. You will need to apply for the associate's degree at your college. Contact your advisor for information.

AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

SEMESTER 1

Total Hours: 14

CETT 1403 – DC Circuits

HYDR 1445 – Hydraulics and Pneumatics

SPCH 1311 – Introduction to Speech Communication *This is a (090) Core course. Students following this Transfer Pathway with Lamar University MUST take SPCH 1315. SPCH 1315 may be substituted for SPCH 1311 for this degree.*

MATH 1314 – College Algebra *This is a (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

ENGL 1301 – Composition I *This is a (010) Core course. Must earn a grade of "C" or higher.*

CETT 1429 – Solid State Devices

INMT 1417 – Industrial Automation

PHYS 1401 – College Physics I *This is a (030) Core course.*

SEMESTER 4

Total Hours: 16

CETT 1457 – Linear Integrated Circuits

CHEM 1411 – General Chemistry I *This is a (030) Core course.*

CHOOSE ONE: **MCHN 1200** – Beginning Machine Shop **OR**

ENTC 1280 – Cooperative Education-Engineering Technology, General

Social/Behavioral Science Core Elective *This is a (080) Core course. There are several options to fulfill this requirement. See your academic advisor for a specific list.*

Humanities/Fine Arts Core Elective *This is a (040 or 050) Core course. There are several options to fulfill this requirement. See your academic advisor for a specific list.*

LAMAR UNIVERSITY
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SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

For questions about the Lamar University portion of this transfer pathway, contact the Undergraduate Advising Office at (409) 880-7216 or email transferadvocate@lamar.edu. It is best to apply to Lamar University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

SUMMER SEMESTER

Total Hours: 9

PHIL 2306 – Introduction to Ethics *This is a (040) Core course.*
HIST 1301 – United States History I *This is a (060) Core course.*
HIST 1302 – United States History II *This is a (060) Core course.*

SEMESTER 1

Total Hours: 13

INEN 2301 - Quantitative Methods
INEN 3300 - Intro to IE
INEN 3330 - Engineering Economy
POLS 2301 – Intro to American Government I *This is a (070) core course. GOVT 2306 may be taken at DCCCD institution and transferred to Lamar University.*
LIBR 1101 Intro to Library

SEMESTER 2

Total Hours: 15

INEN 4301 - Quality Control Applications
INEN 4316 - Industrial & Product Safety
INEN 4351 - Production and Inventory Systems
INEN 4369 - Engineering Management
INEN 3360 - Computer Technology

SEMESTER 3

Total Hours: 15

POLS 2302 – Intro to American Government II *This is a (070) core course. GOVT 2305 may be taken at DCCCD institution and transferred to Lamar University.*
Approved Upper Level Elective
Approved Upper Level Elective
Approved Upper Level Elective
INEN 4315 – Industrial Management

SEMESTER 4

Total Hours: 12

Approved Upper Level Elective
Approved Upper Level Elective
Approved Upper Level Elective
Approved Upper Level Elective