# GUIDED PATHWAY: TECHNICAL PLATFORM CERTIFICATE
## MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH

For more information, visit the Dallas College Mechatronics webpage [www.dcccd.edu/Mechatronics] and your academic advisor at the Mountain View Campus.

This is an example course sequence for students interested in pursuing the Electronics Technology – Technical Platform Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn the Technical Platform Certificate in Electronics Technology. Courses from this certificate may apply to the related A.A.S. degree. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for official certificate requirements.

This certificate is designed to prepare students for an entry or intern level position in the electronics manufacturing or service industry. All courses in the certificate are applicable to the Associate of Applied Science degree in Electronics Technology. Courses that complete the certificate are noted below.

Students pursuing this certificate are waived from the Texas Success Initiative (TSI) standards, but must meet course prerequisites, as long as the student completes the TSI waiver form prior to enrollment.

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| **Catalog Year** | 2020-2021    You may use this pathway if you entered Dallas College on or before this date. |
| **Degree Type** | Level I Certificate |
| **GPA Requirement** | Student must earn a GPA of 2.0 or higher |
| **TSI** | May be Exempt |

## 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 certificate requirements.

**CERTIFICATE MINIMUM: 16 SEMESTER CREDIT HOURS**

| SEMESTER 1 | Total Hours: 8 |
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**CETT 1403** – DC Circuits
**ITSC 1401** – Introduction to Computers

> *SEMESTER 1 ACTION ITEMS*
> 1. Meet with your advisor to confirm academic and career goals before the end of the semester.
> 2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing.

| SEMESTER 2 | Total Hours: 8 |
|---|---|

**CETT 1405** – AC Circuits
***CHOOSE ONE***:    **RBTC 2445** – Robot Application, Set-up and Testing ***OR***
                     **CETT 1429** – Solid State Devices

> *SEMESTER 2 ACTION ITEMS*
> 1. Meet with your advisor to request an official program of study audit and confirm or update your academic and career path and program of study.
> 2. Meet with a career advisor or coach for assistance in preparing for job search.
> 3. Meet with an advisor to apply for Technical Platform Certificate.

**PATHWAY TOTAL: 16 SEMESTER CREDIT HOURS**