

STEM

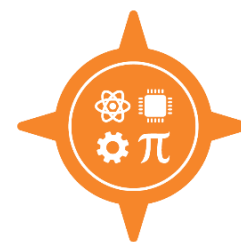
GUIDED PATHWAY: ELECTRONICS/COMPUTER TECHNOLOGY – BASIC ELECTRONICS TECHNOLOGY CERTIFICATE

For more information, visit www.dcccd.edu/ElectronicsRelated and your academic advisor at Eastfield College.

This is an example course sequence for students interested in pursuing Electronics/Computer Technology – Basic Electronics Technology Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn the Basic Electronics Technology Level I Certificate in Electronics/Computer Technologyⁱⁱ. Courses from this certificate may apply to the related AAS degree. For official certificate requirements, [click here](#).

This one-year program provides the student with the basic skills needed in the electronic industry. Courses from this certificate may be applicable to the related Associate of Applied Science Degree. Please see your academic or faculty advisor for more information. Courses that complete the Basic Electronics Technology Certificate (BE1) 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.



ONLY Offered at EFC

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTSⁱⁱⁱ

ALL MAPS CAN BE MODIFIED TO FIT THE NEEDS OF PART-TIME STUDENTS

BE1	SEMESTER 1	ACTION ITEMS
◆	CETT 1403 – DC Circuits	<input type="checkbox"/> Meet with your advisor to confirm academic and career goals before the end of the semester. <input type="checkbox"/> Meet with a career advisor or coach to research your career options and opportunities for job shadowing.
◆	CETT 1425 – Digital Fundamentals	
◆	EECT 1104 – Electronic Soldering	

TOTAL SEMESTER CREDIT HOURS: 9

BE1	SEMESTER 2	ACTION ITEMS
◆	CETT 1405 – AC Circuits	<input type="checkbox"/> Meet with your advisor to request an official program of study audit, confirm or update your academic/career path and program of study. <input type="checkbox"/> Meet with a career advisor or coach for assistance in preparing for job search.
◆	CETT 1429 – Solid State Devices	

TOTAL SEMESTER CREDIT HOURS: 8

BE1	SEMESTER 3	ACTION ITEMS
◆	CETT 1441 – Solid State Circuits	<input type="checkbox"/> Meet with your advisor to apply for the Basic Electronics Technology Certificate (BE1) Completion.
◆	ELPT 2419 – Programmable Logic Controllers	
◆	CETT 1449 – Digital Systems	

TOTAL SEMESTER CREDIT HOURS: 12

CERTIFICATE MINIMUM: 29 SEMESTER CREDIT HOURS | PATHWAY TOTAL: 29 SEMESTER CREDIT HOURS

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours required for graduation through instruction by one of the seven DCCCD colleges awarding the certificate.

ⁱⁱⁱ This is not an official degree plan. For official degree requirements, [click here](#).

THIS PATHWAY WAS LAST UPDATED ON JULY 24, 2019