

**STEM**

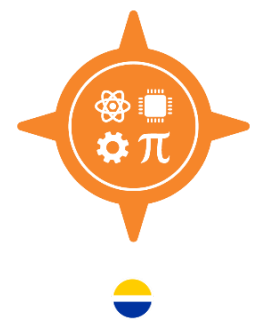
**GUIDED PATHWAY: ELECTRONICS TECHNOLOGY AAS**

For more information, visit [www.dcccd.edu/ElectronicsRelated](http://www.dcccd.edu/ElectronicsRelated) and your academic advisor at Mountain View College.

This is an example course sequence for students interested in pursuing Electronics Technology. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (AAS) degree in Electronics Technology <sup>ii</sup>. For official degree requirements, [click here](#).

This program prepares students for entry-level electronic technician positions by providing training in digital and analog theory and practical skills. Gainful employment information for this degree can be found at [www.dcccd.edu/gainfulemp](http://www.dcccd.edu/gainfulemp). Courses that complete the Degree (D) and the Technical Platform Certificate (TP1) are noted below.

Visit [www.ntxccc.org/pathways](http://www.ntxccc.org/pathways) to view guided pathways created for students who complete an AAS degree and the options for transfer. Speak with an academic advisor at Eastfield College to choose courses that will help you to transfer to a specific university.



ONLY Offered at MVC

**COLLEGE READINESS REQUIREMENTS**

Enrolling in one or more courses may be necessary if assessment activities and previous academic experiences indicate a need for additional knowledge and skills:

**READING & WRITING PLACEMENT**

**MATH PLACEMENT**

**ENGLISH LANGUAGE PROFICIENCY**

TSI READING MET:  YES  NO  
TSI WRITING MET:  YES  NO

TSI MATH MET:  YES  NO

ENGLISH PROFICIENCY:  YES  NO

IF TSI OR ENGLISH LANGUAGE PROFICIENCY NOT MET, INSERT COURSE(S) NEEDED

DREA / DWRI / DIRW (CIRCLE ONE)

DMAT \_\_\_\_\_

ESOL \_\_\_\_\_

OTHER: \_\_\_\_\_

OTHER: \_\_\_\_\_

OTHER: \_\_\_\_\_

Exemptions/waivers may exist. Speak with an academic advisor regarding placement in college readiness courses and your ability to enroll in core academic coursework.

**SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS <sup>iii</sup>**

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

D	TP1	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	
◆		ENGL 1301 – Composition I <sup>iv</sup> (core course)	
◆		MATH 1314 – College Algebra <sup>iv</sup> (core course)	
◆		Social/Behavioral Science Elective <sup>v</sup> (core course)	

**TOTAL SEMESTER CREDIT HOURS: 17**

D	TP1	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.
◆	◆	CETT 1429 – Solid State Devices <sup>vi</sup>	
◆		Humanities/Fine Arts Elective <sup>v</sup> (core course)	
◆		SPCH 1311 – Introduction to Speech Communication (core course)	

**TOTAL SEMESTER CREDIT HOURS: 14**

D	TP1	SEMESTER 3	ACTION ITEMS
◆	◆	CETT 1449 – Digital Systems	<input type="checkbox"/> Meet with a career advisor or coach for assistance in preparing for job search.
◆		EECT 1191 – Special Topics in Electrical, Electronic and Communications Engineering Technology/Technician	
◆		Technical Elective <sup>vii</sup> (ITSC 1401 required for certificate)	
◆		Technical Elective <sup>vii</sup>	

**TOTAL SEMESTER CREDIT HOURS: 13**

D	TP1	SEMESTER 4	ACTION ITEMS
◆	◆	ITSC 1425 – Personal Computer Hardware	<input type="checkbox"/> Apply for Graduation <ul style="list-style-type: none"> <li><input type="checkbox"/> Meet with your advisor to apply for the Electronics Technology AAS and Technical Platform Certificate.</li> <li><input type="checkbox"/> Sign up for commencement.</li> </ul> <input type="checkbox"/> Join the <a href="#">Alumni Network!</a>
◆	◆	RBTC 2445 – Robot Application, Set-up and Testing <sup>vi</sup>	
◆		Technical Elective <sup>vii</sup>	
◆	◆	Technical Elective <sup>viii</sup>	

**TOTAL SEMESTER CREDIT HOURS: 16**

**AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS | PATHWAY TOTAL: 60 SEMESTER CREDIT HOURS**

<sup>i</sup> 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.

<sup>ii</sup> Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven DCCCD colleges awarding the degree.

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

<sup>iv</sup> You must earn a grade of "C" or better in ENGL 1301 and the selected college-level mathematics course.

<sup>v</sup> There are several options to fulfill this requirement. See your academic advisor for a specific list.

<sup>vi</sup> Only one of these courses is required for the certificate option: CETT 1429 OR RBTC 2445

<sup>vii</sup> Three Technical elective courses must be selected from the following: CETT 1457, ELMT 1405, ELPT 2419, ITCC 1477, ITCC 1478, ITNW 1425, ITNW 1437, ITMT 1473, ITSC 1401, ITSC 1405, MFGT 1404, MFGT 1406

<sup>viii</sup> One Technical elective course must be selected from the following: CETT 2435, CETT 2433, ELMT 2433, ITCC 2476, ITCC 2477, ITMT 2401, ITMT 2403, ITSC 1407, ITSC 2439