The Electronic & Computer Engineering Technology (ECET) program provides students with the skills and knowledge required for entry level employment in high-technology industry as electronic technicians, telecom technicians, network administrators, or Windows/Unix system administrators. The program works closely with its high-technology industry advisory board to ensure students gain skills required for employment in local companies. The program provides internship and job placement opportunities in a variety of engineering technology positions.

The ECET program offers different levels of educational opportunity:
- Certificate of Completion for coursework in electronics and computer fundamentals.
- Certificate of Achievement with electronics, math, physics, and computer basics.
- Associate in Science degree in Electronic and Computer Engineering Technology, including electro-optics instrumentation, adaptive optics for astronomical applications, detectors, robotics, and computer hardware. The scheduling is designed for a cohort of students to complete the AS degree program in four semesters.

The AS ECET degree provides the lower division pathway to the Bachelor of Applied Science (BAS) in Engineering Technology (ENGT). Courses that are prerequisites to the BAS require a grade C or better.

ECET Admission process
For admission to the UH Maui College ECET program, complete all required steps outlined below. Applications will be reviewed on a first come - first served basis.
1) Complete the Math and English COMPASS tests. (ECET courses require specific placement scores.)
2) Contact the program advisor, Dr. Elisabeth Reader (by email at ereader@hawaii.edu or at 984-3617), or the program counselor, Kulamanu Ishihara (by email at vorhies@hawaii.edu or at 984-3272), to schedule an application review counseling session and create an academic plan of study. Math and English COMPASS scores are required for counseling.

Requirements for Certificate of Completion (CC): 10 credits
Electronics 101(3), 102(4)
Information & Computer Science 101(3)

Requirements for Certificate of Achievement (CA): 22 credits
Electronics 105(4), 106(4)
English 100(3)
Information & Computer Science 110(3)
Physics 105(4) – *Natural Science elective*
Mathematics 107(4)

Requirements for Associate in Science (AS) degree: 61 credits
All CA courses (22) plus:
Electronics 140(4), 161(3), 201(4), 205(4), 210(3), 212(3), 296(3)
Electronics/ICS 193v(1), 293v(1)
Information and Computer Science 111(4)
*BUS/COM 130 or COM 145(3) - *Communication elective*
Humanities elective (3) - *100 or above*
*Sociology 100 or Psychology 100(3) – *Social Science elective*

Note: Course is prerequisite to the BAS in Engineering Technology. Students not planning to pursue the BAS should see program advisor about substituting another course from the corresponding elective list.

Cohort takes courses in this sequence:

First semester (Fall)		credits
*ETRO 105	Electronic Circuit Analysis I	4
*ENG 100	Composition I	3
*ICS 110	Introduction to Computer Programming	3
Social Science elective	**SOC 100 or PSY 100	3
Humanities elective	100 or above	3
		16

Second semester (Spring)		credits
*ETRO 106	Electronic Circuit Analysis II	4
ICS 111	Introduction to Computer Science I	4
*MATH 107	Math for Electronics and Computers	4
PHYS 105	Principles of Technology	4
		16

Third semester (Fall)		credits
ETRO 140	Computer Networking I	4
ETRO 193v	Internship I	1
ETRO 201	Digital Computer Technology I	4
ETRO 210	Electronic Technology I	3
Communication elective	**BUS/COM 130 or COM 145	3
		15

Fourth semester (Spring)		credits
ETRO 161	Introduction to Optics & Photonics	3
ETRO 205	Digital Computer Technology II	4
ETRO 212	Electronic Technology II	3
ETRO 293v	Engineering Technology Internship II	1
ETRO 296	Special Projects in Electronic Technology	3
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Note: Courses required for the Certificate of Achievement

**Note: Course is prerequisite to the BAS in Engineering Technology. Students not planning to pursue the BAS should see program advisor about substituting another course from the corresponding elective list.*