

NAME _____

SEMESTER/YEAR BEGAN ET _____

HAWAI'I COMMUNITY COLLEGE, 2023-2024

Electronics Technology (ET)

Program Requirements (AAS Overall [62 credits, cumulative GPA 2.0 required from all courses])

(CA Overall [51 credits, cumulative GPA 2.0 required from all courses])

(CO Network Technology++ Overall, [12 credits, cumulative GPA 2.0 required from all courses])

Course	Course Name	Semester, Year & Grade	CO ++ Network Credits	CA Credits	AAS Credits
FALL:					
* ETRO 120	Fundamentals of Electronics I		---	5	5
* ETRO 120L	Fundamentals of Electronics I Lab		---	2	2
* ETRO 140	Network Fundamentals (or CENT 140)		3	3	3
* ETRO 143	Digital Electronics		---	5	5
* ETRO 143L	Digital Electronics Lab		---	2	2
	Semester Total		3	17	17
SPRING:					
* ETRO 121	Process Controls & Electronics Fabrication		---	3	3
* ETRO 121L	Process Controls & Electronics Fabrication Lab		---	---	2
* ETRO 122	Fundamentals of Electronics II		---	5	5
* ETRO 122L	Fundamentals of Electronics II Lab		---	2	2
* ETRO 240B	Routing Protocols and Concepts (or CENT 240B)		3	3	3
ENG 21/ESL 21 or higher OR ENG 22 or (ESL 22G & ESL 22W) or higher	Developmental Reading Introduction to Expository Writing		---	3	---
	Semester Total		3	16	15
FALL:					
* ETRO 257	RF Communications		---	2	2
* ETRO 280	Microprocessors in Micro Controllers PLC		---	3	3
* ETRO 240C	LAN Switching and Wireless (or CENT 240C)		3	3	3
ENG 100	Composition I		---	---	3
ELECTIVE	Natural Environment (see next page)		---	---	3
	Semester Total		3	8	14
SPRING:					
* ETRO 241	Accessing the WAN (or CENT 241)		3	3	3
* ETRO 266	Introduction to Fiber Optics		---	3	3
* ETRO 287	Programmable Logic Controllers		---	3	3
* ETRO 287L	Programmable Logic Controllers Lab		---	1	1
ELECTIVE	Cultural Environment (see next page)		---	---	3
ELECTIVE	Social Environment (see next page)		---	---	3
	Semester Total		3	10	16

<p>1. Cultural Environment Elective [1 COURSE REQUIRED, 3 cr.]</p> <p>ART 101, 105B, 105C, 107D, 108, 111, 112, 113, 114, 115, 120, 123, 125, 126, 159, 202, 209, 211, 212, 214, 217, 223, 225, 227, 230, 243, 244, 246, 248, 249, 257, 269C, 294, 295, 296, ASAN 120†, 121†, 122†, DNCE 153,185,190V, 256† (see ECED 256), 285, 290V, ECED 256† (see DNCE 256), ENG 103, 105, 204, 205† (see JOUR 205), 215, 255, 256, 257A, 257E, HAW 101, 102, 201, 202, HIST 120, 151, 152, 153, 154, 241, 242, 274, 284, 288, HUM 100, 160† (see SSCI 160), 275† (see PSY 275), HWST 100, 101, 102, 103, 105, 106, 107, 130, 131, 140, 141, 150, 151, 160, 161, 201†, 206, 219, 230, 231, 260, 270, 272, JOUR 205† (see ENG 205), JPNS 101, 102, 121, 122, LING 102, 121† (see ANTH 121), 235† (see ANTH 235), MUS 102, PHIL 100, 101, 102, 120, 211, 213, 255, PSY 275, REL 150, 151, 152, 153, SP 231, 233, 251</p>		---	---	---
<p>2. Natural Environment Elective [1 COURSE REQUIRED, 3 cr.]</p> <p>AG 122, 141, 175, 175L, 200, 250, 260, ASTR 110, 281, BIOC 141, BIOL 100, 100L, 101, 101L, 124, 124L, 156, 156L, 171, 171L, 172, 172L, BOT 101, 101L, 105, 105L, 130, 130L, CHEM 100, 100L, 151, 151L, 161, 161L, 162, 162L, ERTH 101, 101L, GEO 101, 101L, 170, 170L, 270, 270L, MICR 130, 140L, OCN 201, 205, PHRM 203, PHYL 141, 141L, 142, 142L, PHYS 100, 100L, 105, ZOOL 101, 101L</p>		---	---	---
<p>3. Social Environment Elective [1 COURSE REQUIRED, 3 cr.]</p> <p>AG 157, 230, AJ 101, 180, 210, 256† (see HSER/WGSS 256), 280, 290B, 290C, 290D, ANTH 121† (see LING 121), 150, 200, 235† (see LING 235), ASAN 120†, 121†, 122†, BUSN 164, ECON 120, 130, 131, ECED 105, 131, GEO 102, 122, HD 234, HDFS 230, HOST 280, HSER 110, 140, 141† (see SUBS 141), 248† (see SUBS 248), 256† (see AJ/WGSS 256), HWST 201†, ICS 100, IS 101, MGT 124, POLS 110, PSY 100, 170, 214, 251, 270, 275† (see HUM 275), SOC 100, 208, 218, 251, 265, 289, 290, SP 130, 151, 260, SSCI 111, 150, 160† (see HUM 160), 250, SUBS 141† (see HSER 141), 248† (see HSER 248), 268, 270, 275, 280, WGSS 151, 256† (see AJ/HSER 256)</p>		---	---	---
Total Credits:		<u>12</u>	<u>51</u>	<u>62</u>

Courses completed that do not apply to major

Course	Sem., Yr. & Grade	Course	Sem., Yr. & Grade

Entry Requirements

- Proficiency levels in both reading and mathematics must be met for entry into the program:

Subject Area
Reading

Placement into course
ENG 21 or ESL 21

* = No grade below “C” will be counted toward graduation

++ = Network Technology Certificate of Competence

† = These courses are cross-listed but will only count once for graduation requirements.