

NAME _____

SEMESTER/YEAR BEGAN AEC _____

HAWAI‘I COMMUNITY COLLEGE, 2024-2025

ARCHITECTURAL, ENGINEERING & CAD TECHNOLOGIES (AEC)

&

ENGINEERING TECHNOLOGY (ENGT)

Program Requirements: AAS Degree [60 credits, at least a 2.0 GPA required in all courses]

CA [25 or 27 credits, cumulative GPA 2.0 or better required for all courses]

CO [13 or 16 credits, cumulative GPA 2.0 or better required for all courses]

Course	Course Name	Semester Year & Grade	CO Geospatial Tech Certif.	CO Geospatial Remote Sensing Certif.	CA Geomatics & GIS Certif.	CA Drafting and Design	AAS Associate in Applied Science
FALL:			Credits	Credits	Credits	Credits	Credits
* ENGT 100	Drafting Conventions & BLPR		---	---	---	4	4
* ENGT 107	Unmanned Aerial Systems Flight		---	4	4	4	4
* ENGT 112	Computer Aided Drafting (CAD)		3	---	3	3	3
ENGT 270 OR GEO 270	Introduction to Geographic Information Systems (GIS)		4 (ENGT 270)	4 (ENGT 270)	4	---	4
Semester Total			7	8	11	11	15
* ENGT 120	Residential Design & Construction Drawings		---	---	---	4	4
* ENGT 129	Geomatics & Land Surveying I		3	---	3	---	3
* ENGT 275	Spatial Data Mgmt & Analysis		---	4	4	---	4
ENGT 291 OR AG 291	Rural and Urban Remote Sensing		---	4 (ENGT 291)	4 (ENGT 291)	---	4
Semester Total			3	8	11	4	15
* ENGT 230	Residential Contract Drawings & Codes		---	---	---	6	6
* ENGT 247	Geomatics & Land Surveying II		3	---	3	---	3
MATH	Choose one course from: MATH 100, 103, 115, 135, 140, 241		---	---	---	---	3
ELECTIVE	Cultural, Natural, or Social (see next page)		---	---	---	---	3
Semester Total			3	0	3	6	15
* ENGT 233	Basic Architectural Studio Design		---	---	---	3	3
* ENGT 234	Architectural Design Software		---	---	---	3	3
ENG 100/100E OR ENG 102	Composition I / Composition I (ESL) College Reading Skills		---	---	---	---	3
ELECTIVE	Cultural, Natural, or Social (see next page)		---	---	---	---	3
ELECTIVE	Cultural, Natural, or Social (see next page)		---	---	---	---	3
Semester Total			0	0	0	6	15
TOTAL CREDITS			13	16	25	27	60

1. Cultural Environment Elective [1 COURSE REQUIRED – 3 cr.] 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), JPN 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		---	---	---	---	---
2. Natural Environment Elective [1 COURSE REQUIRED – 3 cr.] AG 122, 141, 164, 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		---	---	---	---	---
3. Social Environment Elective [1 COURSE REQUIRED – 3 cr.] <i>(ICS 100 recommended)</i> 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, CULN 190, 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)		---	---	---	---	---

[All course requirements are subject to updates.]

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 are required to register for some or all of the program courses:

<u>Subject Area</u>	<u>Placement into course</u>
Mathematics	MATH 82X
Reading	ENG 102
Writing	ENG 100 or ENG 100E

Degree and Certificate Requirements

- * No grade below “C” will be counted toward graduation.
- † These courses are cross-listed but will only count once for graduation.