

NAME _____

SEMESTER/YEAR BEGAN AEC _____

HAWAI'I COMMUNITY COLLEGE, 2017-2018

ARCHITECTURAL, ENGINEERING & CAD TECHNOLOGIES (AEC)

Program Requirements: AAS Degree [66 credits, at least a 2.0 GPA required in all courses]

CA [24 or 47 credits, cumulative GPA 2.0 or better required for all courses]

CO [9 or 12 credits, cumulative GPA 2.0 or better required for all courses]

Course	Course Name	Semester Year & Grade	CO Sustainable Design & Site Prep Certif.	CO Geospatial Tech Certif.	CA Geomatics & GIS Certif.	CA Architecture Certif.	AAS Associate in Applied Science
FALL:			Credits	Credits	Credits	Credits	Credits
* AEC 100	Drafting Conventions & Materials		---	---	---	5	5
* AEC 112	Computer Aided Drafting (CAD)		3	3	3	3	3
* AEC 115	Introduction to Architecture		---	---	---	2	2
MATH 120	Trigonometry for Surveying		---	---	4	4	4
* AEC 113	Geomatics & Land Surveying I		2	2	2	---	2
Semester Total			5	5	9	14	16
SPRING:							
* AEC 120	Residential Design & Construction Drawings		---	---	---	6	6
* AEC 128	Sustainable Environmental Design		2	---	---	2	2
* AEC 129	Sustainable Design & Site Preparation		2	---	2	---	2
* AEC 150	Introduction to GIS & GPS		---	4	4	---	4
ENG 100	Composition I		---	---	3	3	3
Semester Total			4	4	9	11	17
FALL:							
* AEC 230	Residential Contract Drawings & Codes		---	---	---	4	4
* AEC 233	Basic Architectural Studio A		---	---	---	4	4
* AEC 234	3D CAD Imaging		---	---	1	1	1
* AEC 238	Architectural Historic Preservation		---	---	---	2	2
* AEC 249	Introduction to Drafting Career Success		---	---	---	1	1
ELECTIVE	Cultural, Natural, or Social (see next page)		---	---	---	---	3
Semester Total			0	0	1	12	15
SPRING:							
* AEC 240	Commercial Contract Drawings		---	---	---	3	3
* AEC 241	Introduction to Building Services & BIM		---	3	3	3	3
* AEC 242	Basic Architectural Studio B		---	---	---	4	4
* AEC 247	Geomatics & Land Surveying II		---	---	2	---	2
ELECTIVE	Cultural, Natural, or Social (see next page)		---	---	---	---	3
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Semester Total			0	3	5	10	18
TOTAL CREDITS			9	12	24	47	66

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, 281, 282, 284, 288, HUM 100, 160† (see SSCI 160), 275† (see PSY 275), HWST 100, 101, 102, 103, 104, 105, 106, 107, 130, 131, 140, 141, 150, 151, 160, 161, 201†, 204, 206, 219, 230, 231, 240, 241, 250, 251, 260, 261, 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, REL 150, 151, 152, 153, SPCO 231, 233, 251						
2. Natural Environment Elective [1 COURSE REQUIRED – 3 cr.] AG 122, 141, 175, 175L, 200, 250, 260, ASTR 110, 281, BIOC 241, BIOL 100, 100L, 101, 101L, 141, 141L, 142, 142L, 156, 156L, 171, 171L, 172, 172L, BOT 101, 101L, 105, 105L, 130, 130L, CHEM 100, 100L, 151, 151L, 161, 161L, 162, 162L, GEOG 101, 101L, 122, 170, 170L, 180, 180L, GG 101, 101L, MICR 130, 130L, OCN 201, 205, PHRM 203, PHYS 100, 100L, 105, SCI 124, 124L, 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/WS 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, FAMR 230, GEOG 102, HD 234, HSER 110, 140, 141† (see SUBS 141), 248† (see SUBS 248), 256† (see AJ/WS 256), HWST 201†, ICS 100, IS 101, MGT 124, POLS 110, PSY 100, 170, 214, 230, 270, 275† (see HUM 275), SOC 100, 208, 218, 251, 265, 289, 290, SPCO 130, 151, 260, SSCI 111, 150, 160† (see HUM 160), 250, SUBS 141† (see HSER 141), 248† (see HSER 248), 268, 270, 275, 280, WS 151, 256† (see AJ/HSER 256)						
Total Credits:						
	<u>9</u>	<u>12</u>	<u>24</u>	<u>47</u>	<u>66</u>	

[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 24 or 26, or “C” or better in MATH 22
Reading	ENG 102
Writing	ENG 100

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.

For more information on Gainful Employment on all of our programs, please visit the [programs of study](#) web page.