

Name:				ID:	108
Placement	ENG:		MATH:		Date:

**Architectural, Engineering and CAD Technologies (AEC) 2008-2009  
Graduation Checklist for Honolulu Community College (HCC)**

**Associate in Science (AS) Degree - 60 credits**

**Certificate of Achievement (CA) - 31 credits**

This is not an official document. Use it to keep track of your academic progress. You are responsible for meeting your program and graduation requirements. Check catalog for course descriptions and course prerequisites. See your academic counselor if you need help.

MAJOR PREREQUISITES for AEC COURSES*	CA	AS	COURSE	CREDITS	GRADE	SEMESTER/YEAR
<input type="checkbox"/> ENG 22/60 or placement in ENG 100 <input type="checkbox"/> MATH 20BCD or placement in MATH 24/50/53 <input type="checkbox"/> AEC 80 or 81 or Instructor Approval based on high school drafting coursework or other prior training/experience. <input type="checkbox"/> <b>NOTE: AEC 127 Course Prerequisite:</b> MATH 53, 55, 107, 140 or placement in MATH 205						
Required Courses for Major. All AEC courses must be taken in order except AEC 118 and 135.						
<b>First Semester (Fall Only) All AEC Courses Required</b>						
AEC 110 Basic AutoCAD	✓	✓		4		
AEC 114 Architectural Graphics	✓	✓		3		
AEC 118 Construction Materials		✓		3		
MATH 53 *** Tech-Occupational Math (prerequisite for AEC 127 or completion of MATH 140 or placement in MATH 205 or higher)	***	***		(4)***		
ENG 100 Composition I (recommend take this semester)		✓		3		
<b>Second Semester (Spring Only) All AEC Courses Required</b>						
AEC 120 Introduction to Construction Drawings	✓	✓		3		
AEC 123 Residential Planning and Design		✓		3		
AEC 124 Building Information Management Software	✓	✓		3		
AEC 127 Civil Engineering Drawing (prerequisite: MATH 53 OR 140 or placement in MATH 205)	✓	✓		3		
One course from Other Academic Areas Group A, B, or D** - See back page (recommend take this semester)		✓		3		
<b>Third Semester (Fall Only) All AEC Courses Required</b>						
AEC 130 Residential Working Drawings	✓	✓		3		
AEC 131 Construction Codes (prerequisite: ENG 100)		✓		2		
AEC 136 Structural Drawing	✓	✓		3		
AEC 138 Construction Estimating & Bidding (prerequisite: ENG 100)		✓		3		
AEC 139 Field Shadow Experience		✓		1		
AEC 135 Introduction to the Built Environment (recommend take this semester)		✓		3		
<b>Fourth Semester (Spring Only) All AEC Courses Required</b>						
AEC 140 Commercial Working Drawings	✓	✓		3		
AEC 141 Building Services	✓	✓		3		
AEC 146 3D Studio VIZ	✓	✓		3		
AEC 149 V Preparation for Employment in the AEC Field		✓		2		
Quantitative or Logical Reasoning EE 150, ICS 111, 141, 151C, 211, 241, MATH 100, 103, 107, 115, 135, 140, 203, 205, 206, 231, 232, PHIL 110, QM 121, 122 (recommend take this semester)		✓		3		
One course from Other Academic Areas Group A, B, or D** - See back page (recommend take this semester)		✓		3		
Total Credits	31	60				
40 Hours of AEC-related Program and Community Service	Yes		No		Date	

@ pend transfer

Name:		ID:	
-------	--	-----	--

	CA	AS	COURSE	CREDITS	GRADE	SEMESTER YEAR
<b>**Other Academic Areas</b> - Choose two courses from different groups – Group A, B, or D; one group will be left out.			✓	6		
<b>Group A: Understanding the Natural Environment</b> ANTH 215, ASTR 110, BIOCH 241, 251, BIOL 100, 103-103L, 171-171L, BOT 101-101L, 130-130L, CE 113, 211, 271, CHEM 100-100L, 105, 151-151L, 152-152L, 161-161L, 162-162L, FSHN 185, GEOG 101, GG 101, 103, ME 113, 213, MICR 130, 140, OCN 180, 190, 201, 230, PHYL 141-141L, PHYS 100-100L, 130, 151-151L, 152-152L, 170-170L, 272-272L, 274, SCI 101, 121, 122, ZOO 101, 141-141L, 200  <b>Group B: Functioning Effectively in Society</b> AJ 180, ED 135, ENG 102, 210, FAMR 100, 141, 296, FSHN 184, HE 153, 260, ICS 100-100E-100M-100T, 101, 113, IS 103, 104, 105, JOUR 205, LSK 100, PSY 170, SP 251, 253  <b>Group D: Understanding &amp; Appreciating World Cultures &amp; Values</b> (Art 101 Recommended) AMST 201, 202, ANTH 150, 200, 210, ART 100, 101, 104, 113, 115, 123, 170, 180, ASAN 100, 297, CA 100, CHNS 101, 102, EALL 271, 272, ENG 250, 251, 252, 253, 254, 255, 256, 257, FIL 101, 102, FR 101, 102, FT 111, HAW 101, 102, 201, 202, 261, HWST 107, 110, 110L, 212, 231, HIST 151, HIST 152, 231, 232, 241, 242, 281, 282, 284, JPNS 101, 102, 201, 202, LING 102, MUS 106, 121D, 122D, 253, PHIL 100, 101, 102, 120, 202, 211, 213, 202, 255, REL 150, 200, 201, 203, 204, 205, 210, SPAN 101, 102, SSCI 220, 221, 225, THEA 101, 201						
				@ SPAN 102 (4 credits)		

COURSES NOT APPLICABLE TOWARD PROGRAM											
COURSE	CREDITS	GRADE	SEM / YR	COURSE	CREDITS	GRADE	SEM / YR	COURSE	CREDITS	GRADE	SEM / YR

### Graduation Requirements

- 60 credits for Associate of Science (AS).
- 31 credits for Certificate of Achievement (CA).
- 40 hours of AEC-related Program and Community Service must be completed by the end of graduating semester
- 2.0 cumulative grade point average.
- Proficiency requirement:** completion of ENG 20BCD or completion of ESL 11, 13, 14, 17 or place higher than ENG 20BCDE on the placement test & completion of MATH 20BCD or place higher than MATH 20BCD on the placement test. MATH 21 does not meet this requirement.
- Residency requirement:** The final twelve (12) credits in the major must be earned at HCC. This requirement may be waived. See an academic counselor for more information.
- When there is a break in enrollment for more than one year, you must use the graduation requirements in effect at the time of graduation.
- Submit graduation application by March 15 for Spring semester and by October 15 for Fall semester. There is no graduation in the summer.

### Special Instructions

1. \*Major Prerequisites for AEC Courses except for AEC 80, 118, and 135.
2. AEC 118 recommended for Certificate of Achievement as AEC 118 is recommended preparation for AEC 120, 136, 141.
3. \*\*\*MATH 53 or placement in MATH 205 is the prerequisite for the second semester course: AEC 127. 4 credits for MATH 53 do not count towards the 60 credits of the Associate degree.
4. ENG 100 is the prerequisite for two third semester courses: AEC 131 and AEC 138.
5. AEC 135 has a prerequisite of placement in ENG 100 and is offered in the Fall semesters.