

Student Name: _____ Date: _____

THE UNIVERSITY OF HAWAI'I - KAPI'OLANI COMMUNITY COLLEGE

CERTIFICATE OF ACHIEVEMENT IN STEM EDUCATION

Effective Fall 2017

37 - 39 Total Credits

SEMESTER ONE (14 Credits)	COURSE	CR	GR
ENG 100 or ESL 100 (Composition I) <i>check boxes if transfer course</i> <input type="checkbox"/>	_____	_____	_____
MATH 205 (Calculus I) Prerequisite(s): A grade of "C" or higher in MATH 140 or placement in MATH 205. <input type="checkbox"/>	_____	_____	_____
CHEM 161 (General Chemistry I) Prerequisite(s): MATH 103. Recommended Preparation: MATH 135. <input type="checkbox"/>	_____	_____	_____
CHEM 161L (General Chemistry I Lab) Prerequisite(s): MATH 103; credit or concurrent enrollment in CHEM 161. Recommended Preparation: MATH 135. <input type="checkbox"/>	_____	_____	_____
ED 290 (Foundations of Education) Prerequisite(s): Qualification for ENG 100; qualification for MATH 82. <input type="checkbox"/>	_____	_____	_____
SEMESTER TWO (13 - 14 Credits)	COURSE	CR	GR
BIOL 171 (Introduction to Biology I) Prerequisite(s): Credit or concurrent enrollment in CHEM 161. See catalog for recommended preparation. <input type="checkbox"/>	_____	_____	_____
BIOL 171L (Introduction to Biology I Lab) Prerequisite(s): Credit or concurrent enrollment in BIOL 171. See catalog for recommended preparation. <input type="checkbox"/>	_____	_____	_____
ED 284 (Foundations of Inclusion in Teaching) Prerequisite(s): Qualification for ENG 100; qualification for MATH 82. <input type="checkbox"/>	_____	_____	_____
ED 289 (Educational Psychology) Prerequisite(s): Qualification for ENG 100; qualification for MATH 82. <input type="checkbox"/>	_____	_____	_____
ICS 101 (Digital Tools for the Information World) or ICS 111 (Introduction to Computer Science I) or EE 160 (Programming for Engineers) See catalog for prerequisites and recommended preparation. <input type="checkbox"/>	_____	_____	_____
SEMESTER THREE (10 - 11 Credits)	COURSE	CR	GR
ED 285 (Classroom Management within the Instructional Process) Prerequisite(s): Qualification for ENG 100; qualification for MATH 82. <input type="checkbox"/>	_____	_____	_____
ED 277 (Introduction to Multicultural Education) Prerequisite(s): Qualification for ENG 100; qualification for MATH 82. <input type="checkbox"/>	_____	_____	_____
PHYS 151 (College Physics I) or PHYS 170 (General Physics I) See catalog for prerequisites and recommended preparation. <input type="checkbox"/>	_____	_____	_____
PHYS 151L (College Physics Lab I) or PHYS 170L (General Physics Lab I) See catalog for prerequisites. <input type="checkbox"/>	_____	_____	_____

Created 03.20.17

Please Note: A grade of "C" or higher must be earned in all courses toward the Certificate of Achievement in STEM Education.

Advising: Maida Kamber Center for Career Exploration, Transfer and Graduation (ʻIlima 104, 808-734-9500)

Walk-in Advising Hours: Monday - Thursday 8:30 am - 4:30 pm

The Science, Technology, Engineering and Math (STEM) Program offers tutoring, internships and scholarships support.

Visit them in Koki'o 202