

Student Name:

Date:

## THE UNIVERSITY OF HAWAII' I - KAPI'OLANI COMMUNITY COLLEGE

### CERTIFICATE OF ACHIEVEMENT IN STEM EDUCATION

**Effective Fall 2023**

A cumulative grade point ratio (GPR) of 2.0 or higher required for courses applicable toward the certificate. A grade of "C" or higher in all Education courses.

#### 37 - 39 Semester Credits Total

SEMESTER ONE (14 Credits)	COURSE	CR	GR
ENG 100 or ESL 100 (Composition I) See KapCC catalog for prerequisites. <span style="float: right;"><i>check boxes if transfer course</i> <input type="checkbox"/></span>			
MATH 241 (Calculus I) Prereq(s): "C" or higher in MATH 140 or qualification for MATH 241 (formerly MATH 205). <input type="checkbox"/>			
CHEM 161 (General Chemistry I) Prereq(s): "C" or higher in MATH 103. Recommended preparation: MATH 135. <input type="checkbox"/>			
CHEM 161L (General Chemistry I Lab) Prerequisite(s): "C" or higher in MATH 103 and credit or concurrent enrollment in CHEM 161. Recommended preparation: MATH 135. <input type="checkbox"/>			
ED 277 (Introduction to Multicultural Education) Prereq(s): Qualification for ENG 100 or ESL 100; and qualification for MATH 82. <input type="checkbox"/>			
SEMESTER TWO (13 - 14 Credits)	COURSE	CR	GR
BIOL 171 (Introduction to Biology I) Prereq(s): "C" or higher or concurrent enrollment in CHEM 161. See KapCC catalog for recommended preparation. It is strongly recommended to take BIOL 171L concurrently with BIOL 171. <input type="checkbox"/>			
BIOL 171L (Introduction to Biology I Lab) Prereq(s): Credit or concurrent enrollment in BIOL 171. <input type="checkbox"/>			
ICS 101 (Digital Tools for the Information World) or EE 160 (Programming for Engineers) or ICS 111 (Introduction to Computer Science I). See KapCC catalog for prerequisites and recommended preparation. <input type="checkbox"/>			
ED 284 (Foundations of Inclusion in Teaching) Prereq(s): Qualification for ENG 100 or ESL 100; and qualification for MATH 82. <input type="checkbox"/>			
ED 289 (Educational Psychology) Prereq(s): Qualification for ENG 100 or ESL 100; and qualification for MATH 82. <input type="checkbox"/>			
SEMESTER THREE (10 - 11 Credits)	COURSE	CR	GR
PHYS 151 (College Physics I) or PHYS 170 (General Physics I). See KapCC Catalog for prerequisites and recommended preparation. <input type="checkbox"/>			
PHYS 151L (College Physics Lab I) or PHYS 170L (General Physics Lab I) See KapCC Catalog for prerequisites. <input type="checkbox"/>			
ED 285 (Classroom Management within the Instructional Process) Prereq(s): Qualification for ENG 100 or ESL 100; and qualification for MATH 82. <input type="checkbox"/>			
ED 290 (Foundations of Education) Prereq(s): Qualification for ENG 100 or ESL 100; and qualification for MATH 82. <input type="checkbox"/>			

Revised 08.15.23

This is a sample academic plan. ED 277, ED 285, and ED 290 are only offered in the fall. ED 284 and ED 289 are only offered in the spring.

Advising: Maida Kamber Center for Career Exploration, Transfer and Graduation (‘Ilima 104, 808-734-9500, [mkcinfo@hawaii.edu](mailto:mkcinfo@hawaii.edu))

The STEM program offers tutoring, internship, scholarship support. Visit <http://kccstem.com>.