STEM PATHWAYS

STEM offers students four content pathways in which to focus their learning as they pursue their degrees. These pathways serve as a focal point for faculty and student interactions, and provide students with field experiences, community service and research opportunities.

- Biological Science Pathway
- Physical Science Pathway
- Engineering Pathway
- Information & Communication Technology (ICT) Pathway

In addition to the ASNS Degree, STEM offers students with two Certificate of Achievement (CA) degrees to apply added value to their ASNS degree. These are:

- CA in Biotechnology
- CA in STEM Education

ABOUT THE PROGRAM

The goal of the STEM program is to enhance the quality of science, technology, engineering and mathematics (STEM) instructional and outreach programs at Kapi'olani Community College, as well as to increase the number of students transferring to four-year STEM degree programs. The program was started in August 2005 with a $1.25 million Tribal Colleges and Universities Program (TCUP) grant from the National Science Foundation (NSF) for the development and implementation of the STEM program. The Associate in Science in Natural Science (ASNS) degree was established in 2011 to prepare students to transfer to four-year institutions. This 60-credit program provides clear, explicit pathways for students intending to transfer into STEM baccalaureate institutions. Several other NSF grants have been awarded to the STEM Program to fund faculty development, student scholarships, undergraduate research experience, peer mentoring, and summer bridge programs.

ABOUT THE STEM CENTER

The STEM Center, located on the second floor of the Koki'o building, provides a sense of place for our STEM students. It provides a unique collaborative space where students and faculty can have easy access to one another. Faculty office doors open inward in the center's common area. The desk modules were designed for collaborative learning and can easily be reconfigured to accommodate alternative learning environment. The Center offers peer-mentoring services, desktop computer support, and educational resources for all STEM students.

CONTACT:

Keōmailani S. Eaton
STEM Outreach Coordinator
Telephone: (808) 734-9262
Email: ksleaton@hawaii.edu

Kapi'olani Community College, University of Hawai'i
4303 Diamond Head Road • Koki'o 202 • Honolulu, HI 96816
http://stem.kcc.hawaii.edu