Mission: Located at the base of Diamond Head, just minutes from Waikiki, **UH’s largest community college**, guided by shared vision and values, and commitment to student success through engagement, learning, and achievement, offers high quality certificate, associate degree, and transfer programs that prepare students for productive futures.

College Website: [https://www.kapiolani.hawaii.edu](https://www.kapiolani.hawaii.edu)

**STEM Degree Programs:**
- Biological Science (ASNS transfer)
- Engineering (ASNS transfer)
- Information and Communications Technology (ICT) (ASNS transfer)
- Physical Science (ASNS transfer)
- Biotechnology (CA)
- Information Technology (APC, CA, CO, AS)

**STEM Education Funding since FY2012:**
$5,720,628^+$

**Campus Profile:**

<table>
<thead>
<tr>
<th>Data</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment (Fall 2016)*</td>
<td>5,959</td>
<td>5,959</td>
<td>5,959</td>
<td>5,959</td>
</tr>
<tr>
<td>% Women</td>
<td>58%</td>
<td>58%</td>
<td>58%</td>
<td>58%</td>
</tr>
<tr>
<td>% Native Hawaiian</td>
<td>16%</td>
<td>16%</td>
<td>16%</td>
<td>16%</td>
</tr>
<tr>
<td>Degrees and Certificates Awarded (2015-16)</td>
<td>1,383</td>
<td>1,383</td>
<td>1,383</td>
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<tr>
<td>Certificates</td>
<td>261</td>
<td>261</td>
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<td>261</td>
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<tr>
<td>Associates</td>
<td>1,117</td>
<td>1,117</td>
<td>1,117</td>
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<tr>
<td>Other</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

**Total STEM Enrollment (Fall 2016)** 599
- % Women 35%
- % Native Hawaiian 13%
- STEM Degrees and Certificates Awarded (2015-16) 127
- Certificates 18
- ASNS 91
- AS 16
- Other 2

* Calculated based on STEM education grants in ORS reports. Multi-campus grants are listed under PI’s institution.

* Enrollment counts excludes students not home-based at this campus.
Selected STEM Education Projects and Activities

KCC STEM Program Mission:
The mission of the STEM Program is to provide KCC students with workforce skills and transfer opportunities in Science, Technology, Engineering and Mathematics (STEM) and to provide STEM students with a sense of place on campus, a clear academic or workforce goal and funding opportunities.

Associate in Science in Natural Sciences (ASNS) Program:
The Associate in Science degree in Natural Science (ASNS) at Kapi'olani Community College prepares students to transfer to four-year institutions. This 60-credit program provides clear, explicit, coherent pathways for students intending to transfer into Science, Technology, Engineering and Mathematics (STEM) majors at baccalaureate institutions. The program provides curricula that focus on basic science and mathematics as well as more advanced research and mentoring experiences. The degree provides students with undergraduate research opportunities as they move through STEM curricular pathways. Targeted advising and appropriate course sequencing enable efficient transfer of STEM students.

Marine Option Program (MOP):
Through the Marine Option Program (MOP) students from any field of study can obtain a marine related focus along side their degree by earning a MOP Academic Subject Certificate (ASC). For more information please visit: http://kccmop.weebly.com or email: kccmop@hawaii.edu

The STEM Center:
The STEM Center, located on the second floor of the Koki'o building, provides a unique collaborative space where students and faculty can have easy access to one another. Faculty office doors purposefully open inward to the center's common areas. The desk modules were designed for collaborative learning and can easily be reconfigured to accommodate alternative learning environments. The Center offers peer mentoring services, tutoring, tablet PC and desktop computer support, and educational resources for all STEM Students. The Stem Center is open to all KapCC students daily, including evenings and weekends. http://stem.kcc.hawaii.edu

To learn more about these STEM Education projects, please contact: Dr. Maria Bautista (mariab@hawaii.edu); (808) 734-9236

Monoclonal Antibody Service Facility and Training Center (MASFTC)
The MASFTC is contract biotechnology laboratory and undergraduate research incubator that provides services in immunology, protein chemistry and molecular biology for the local scientific community. The primary mission of the MASFTC is to create monoclonal antibodies and related immunological reagents to meet the research needs of the scientists and principle investigators within the UH system although the MASFTC has also worked with national and international researchers. Qualified undergraduate students are trained to work as technical laboratory assistant researchers on the various monoclonal research projects. Thus the MASFTC is a laboratory where motivated undergraduates can work collaboratively with graduate students and other scientists on cutting-edge research projects in biotechnology and biomolecular laboratory science.

STEM Opportunity Expo:
Come meet with exhibitors from all STEM (Science, Technology, Engineering and Mathematics) fields. Find out what type of jobs, summer internships or transfer programs are available to you in Hawai'i. Mingle among professionals to find your niche and how to achieve your goals. Take advantage of this event and set yourself up for a great summer experience. https://www.kapiolani.hawaii.edu/stem-opportunity-expo/