Mission:
The UH Community Colleges were established by State law in 1964 as an integral part of the University of Hawai‘i. That mission was further defined in the Strategic Plan 1996-2007 as approved by the Board of Regents in November 1996. Within the overall mission of the University of Hawai‘i, the Community College, have as their special mission:

Access: To broaden access to postsecondary education in Hawai‘i, regionally, and internationally by providing open-door opportunities for students.

Learning and Teaching: To specialize in the effective teaching of remedial/developmental education, general education, and other introductory liberal arts, pre-professional, and selected baccalaureate courses and programs.

Work Force Development: To provide the trained workforce needed in the State, the region, and internationally.

Personal Development: To provide opportunities for personal enrichment, occupational upgrading, and career mobility through credit and non-credit courses and activities.

Community Development: To contribute to and stimulate the cultural and intellectual life of the community.

Diversity: By building upon Hawai‘i’s unique multicultural environment and geographic location, through efforts in curriculum development, and productive relationships.

University of Website: http://uhcc.hawaii.edu/

UHCC Profile:

<table>
<thead>
<tr>
<th>Fall Enrollment</th>
<th>Undergraduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>26,000</td>
</tr>
<tr>
<td>2014</td>
<td>27,000</td>
</tr>
<tr>
<td>2015</td>
<td>24,000</td>
</tr>
<tr>
<td>2016</td>
<td>23,000</td>
</tr>
</tbody>
</table>

Total Enrollment (Fall 2016)*: 23,949
% Women: 55%
% Native Hawaiian: 29%

Degrees and Certificates Awarded (2015-16):
- Certificates: 1,072
- Associate: 4,113
- Bachelor’s: 17
- Other: 7

Total STEM Enrollment (Fall 2016): 2,573
% Women: 32%
% Native Hawaiian: 22%

STEM Degrees and Certificates Awarded (2015-16):
- Certificates: 271
- Associate: 325
- Bachelor’s: 15
- Other: 4

STEM Education Funding since FY2012: $27,354,941+

* 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

**STEM Programs:**
As Hawai‘i’s economy becomes increasingly focused on high-growth technology-driven occupations, the demand for employees with high skills in science and math continues to grow. Hawai‘i is not alone in its desire for more graduates from STEM disciplines of science, technology, engineering and mathematics. STEM fields are growing worldwide, providing lucrative jobs and contributing to economic growth.

Educational pathways in engineering, as well as life and physical sciences have been developed at the community colleges, so students can transfer easily to baccalaureate programs within our UH system. For example, the Associate of Science degree in natural science (ASNS) provides a clear, explicit and coherent pathway for students intending to transfer into STEM majors at baccalaureate institutions. The four concentrations within the ASNS degree are biological science, physical science, engineering, and information and communication technology. Since 2015, the ASNS degree program is offered at all seven campuses with many providing pathways through all four concentrations.

The community colleges have also initiated summer bridge programs that introduce high school students to STEM fields, such as Kapi‘olani CC’s STEM Summer Bridge Program and Windward CC’s Pacific Center for Environmental Studies (PaCES) summer program. Other campuses have also initiated outreach programs to introduce students to STEM fields, such as Maui College’s Hawai‘i STEM Conference, Hawai‘i CC’s Summer STEM Camp, and Honolulu CC’s Summer Engineering Academy.

**Student Success Council:**
In our ongoing effort to increase student completion rates, the Student Success Council was established in fall 2014 to provide leadership that will create a culture of change at all seven Hawai‘i community colleges based on national best practices and local data.

The Curriculum Development Math Co-requisite ad hoc committee is composed of math faculty members from across the UHCC System who serves as subject matter experts in the development and implementation of curriculum associated with the math co-requisite models.

To learn more about these STEM Education projects, please contact: Office of STEM Education (stem@hawaii.edu)

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As part of the HI2, the University of Hawai‘i is engaging industry and business as partners to inform the education and training of the current and future workforce:

**Hawai‘i Industry Sectors Website:**
The University of Hawai‘i is developing the Hawai‘i Industry Sectors website to provide students, job seekers, parents, and the community with real-time information on high demand occupations and skills, the pay related to those occupations, the education and training needed, and direct links to job openings. Counselors and teachers can use this tool to guide students, help them discover their interests, and plan a path to their careers. Educators can use labor market information from the site to develop programs and academic/career pathways to meet industry needs, and to identify programs of study that are no longer in demand. Users can explore occupations and industries, and focus in on science, technology, engineering, and math (STEM) fields; and can view trends and the future outlook of careers.

**Sector Partnerships:**
The University of Hawai‘i has embarked on a statewide effort to systematically engage industry through sector partnerships. These partnerships are industry-driven, the executive and top leaders in an industry lead the effort and are supported by education, workforce, and economic development partners. Industry identifies their workforce and other needs, and collaborates with agency partners to meet those needs. This could take the form of co-designing just-in-time workforce training to upskill current workers, education programs to train potential new employees, and/or apprenticeship/internship programs to provide experiential learning and real work experience for which employers will hire. Although the current focus is on STEM (science, technology, engineering, and math) sector partnerships, the UH is open to engaging with all industries that support a living wage in Hawai‘i.