

# HONOLULU COMMUNITY COLLEGE/ UNIVERSITY OF HAWAI'I AT MĀNOA TRANSFER GUIDE: CIVIL ENGINEERING (BS)

## UH Mānoa Admissions Requirements for BS in Engineering:

- Cumulative GPA: 3.0 (in the engineering core courses listed below) OR GPA: 2.0 with completion of AS-NS (engineering) degree
- Completion of ENG 100, MATH 241 and 242, PHYS 170 and 170L, CHEM 161 and 161L, and CHEM 162

## UH Mānoa Engineering Requirements offered at Honolulu:

UHM Course	Course Title	Cr.	HCC Equivalent	Course Title	Cr.
ENG 100 <sup>FW</sup>	Composition I	3	ENG 100 <sup>FW</sup>	Composition I	3
CEE 270	Applied Mechanics I	3	CE 270	Applied Mechanics I	3
CEE 271	Applied Mechanics II	3	CE 271	Applied Mechanics II	3
CHEM 161 <sup>DP</sup> & 161L <sup>DY</sup>	General Chemistry I/Lab	3/1	CHEM 161 <sup>DP</sup> & 161L <sup>DY</sup>	General Chemistry I/Lab	3/1
CHEM 162	General Chemistry II	3	CHEM 162	General Chemistry II	3
COMG 251 <sup>DA</sup>	Prin of Effective Public Speaking	3	SP 251 <sup>DA</sup>	Prin of Effective Public Speaking	3
ECON 120, 130 or 131 <sup>DS</sup>	Intro to Econ, Prin of Micro, or Prin of Macro	3	ECON 120, 130 or 131 <sup>DS</sup>	Intro to Econ, Prin of Micro, or Macro	3
EE 211 (Technical Elective Option)	Basic Circuit Analysis	3	*EE 211 (KCC, LCC, WCC)	Basic Circuit Analysis	3
ICS 111 or EE 160	Intro to Computer Science I or Programming for Engineers	4	ICS 111 or EE 160	Intro to Comp Science I or Intro to Comp Prog Methods	3-4
MATH 241 <sup>FQ</sup>	Calculus I	4	MATH 241 <sup>FQ</sup>	Calculus I	4
MATH 242	Calculus II	4	MATH 242	Calculus II	4
MATH 243	Calculus III	3	MATH 243	Calculus III	3
MATH 244	Calculus IV	3	MATH 244	Calculus IV	3
PHYS 170 & 170L	General Physics I & General Physics I Laboratory	4 1	PHYS 170 & 170L	General Physics I & General Physics Lab	4 1
PHYS 272 & 272L	General Physics II & General Physics II Lab	3 1	PHYS 272 & 272L	General Physics II & General Physics II Lab	3 1
MICR 130 or BIOL 171 or ZOOL 101 <sup>DB</sup> (Basic Science Elective requirement)	General Microbiology or Introduction to Biology I or Principles of Zoology	3	MICR 130 or BIOL 171 or ZOOL 101 <sup>DB</sup>	General Microbiology or General Biology I or Principles of Zoology	3-4

\* Can take at other UH community colleges

**Civil/Environmental Engineering (CEE)** — Civil engineering is concerned with the activities of people and the environment. They conceive, plan, design, construct, operate, and maintain the physical works necessary for the environmental needs of people.

*Mānoa Transfer Coordination Center strives to create accurate transfer guides for students; however, requirements may change without notice. Students are responsible for working with an advisor at both their community college and UH Mānoa to ensure that their academic plan will meet requirements and timelines.*

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UH Mānoa CEE Website: <http://www.cee.hawaii.edu/>.

## Engineering Notes

- HCC's GPA does not apply towards UH Mānoa's cumulative GPA for graduation requirements. However, your HCC grades will be used to calculate your gpa for admission into the College of Engineering.
- UH Mānoa College of Engineering requires a \$500 professional fee beginning sophomore year for all Pre-Engineering and Engineering majors.
- It's never too early to start networking, it is highly recommended for students to join student organizations. For more information visit: <https://www.eng.hawaii.edu/students/clubs/>.
- Civil/Environmental Engineering offers: 5 WI courses, E and O focus (300-level) courses. It is recommended to take 2 writing intensive (WI) courses while at HCC for the ASNS degree.
- 'C' or better required for PHYS 170 and CEE 270.
- CEE 271 and Math 244 should be completed by the start of the students Junior year as they are pre-reqs to the 300+ CEE courses.
- Micro 130 for the Biological Science Elective (BSE) is recommended for students who are interested in the Sustainability and Innovation track.

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## University of Hawai'i at Mānoa Transfer Admission Requirements:

- 24 transferable semester credits or 12 transferable semester credits completed and have at least 12 transferable semester credits in progress
- Cumulative transfer GPA: 2.0 for residents; 2.5 for non-residents
- If you do not have 24 transferable credits, admission will be based on both your college and high school work.

## UH Mānoa Admission Deadlines

<b>January 5</b>	Fall semester applications due for international applicants and for priority consideration
<b>March 1</b>	All fall admission applications due
<b>September 1</b>	Spring semester applications due for international applicants and for priority consideration
<b>October 1</b>	All spring admission applications due

For more information on how to apply to the University of Hawai'i at Mānoa please visit:  
<http://manoa.hawaii.edu/admissions/undergrad/>

## Ka'ie'ie Transfer Pathway Program

Ka'ie'ie is a pathway program for students at Honolulu Community College who are planning to transfer to the University of Hawai'i at Mānoa. For more information on Ka'ie'ie and the benefits of the program please visit: <http://uhcc.hawaii.edu/kaieie/>

Contact Information: Lauren Prepose-Forsen – [lprepose@hawaii.edu](mailto:lprepose@hawaii.edu)

## UH Mānoa Engineering Contact Information

Jill S.K. Nakatsu - Academic Advisor  
Phone: (808) 956-8404  
Email: [jillkoba@hawaii.edu](mailto:jillkoba@hawaii.edu)  
Schedule Appointments at: [uhcoe\\_jill.youcanbook.me](http://uhcoe_jill.youcanbook.me)  
2540 Dole St., Holmes Hall 240 • Honolulu, HI 96822  
Website: <http://www.eng.hawaii.edu>

## Associate of Science in Natural Science (ASNS): Engineering

The ASNS Degree at Honolulu Community College offers a pathway for Pre-Engineering students planning to transfer to baccalaureate degree programs. **Students who complete an ASNS degree require a 2.0 cumulative GPA for admission into Mānoa's Engineering program.** Please contact a HCC Counselor for more detailed information on the ASNS degree requirements:

**HCC Counseling and Advising Office – (808) 845-9162, Building 5, Room 102**

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