HONOLULU COMMUNITY COLLEGE / UNIVERSITY OF HAWAI'I AT MĀNOA
TRANSFER GUIDE: COMPUTER ENGINEERING (CE)

UH Mānoa Admissions Requirements for BS in Engineering:
• Cumulative GPA: 3.0 • 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 Community College (Hon CC):

UHM Course	Course Title	Cr.	Hon CC Equivalent	Course Title	Cr.
ENG 100 *(FW)*	Composition I	3	ENG 100	Composition I	3
MATH 241*(FS)*	Calculus I	4	MATH 205	Calculus I	4
MATH 242	Calculus II	4	MATH 206	Calculus II	4
PHYS 170 *(DP)* & 170L *(DY)*	General Physics I & General Physics I Laboratory	4 1	PHYS 170 & 170L	General Physics I & General Physics Lab	4 1
CHEM 161*(DP)* & 161L *(DY)*	General Chemistry I & General Chemistry Lab I	3 1	CHEM 161 & 161L	General Chemistry I & General Chemistry I Lab	3 1
CHEM 162 *(DP)*	General Chemistry II	3	CHEM 162	General Chemistry II	3

Engineering Notes

- Hon CC's GPA does not apply towards UH Mānoa's cumulative GPA. While courses transfer, your GPA will start anew at the point of transfer.
- 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 such as the student chapters of professional engineering societies. For more information visit: http://www.eng.hawaii.edu/current-students/student-organization/.
- The College of Engineering major options include:
  - Civil/Environmental
  - Electrical
  - Mechanical
  - Computer Engineering

  You should have a selected emphasis by the time you complete the ASNS degree.

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UH Mānoa CE Requirements offered at Honolulu Community College (Hon CC):

UHM Course	Course Title	Cr.	Hon CC Equivalent	Course Title	Cr.
EE 160	Programming for Engineers	4	*		
EE 211	Basic Circuit Analysis I	4	*		
EE 213	Basic Circuit Analysis II	4	*		
EE 260	Introduction to Digital Design	4	*		
CEE 270 (EB requirement)	Applied Mechanics I	3	*		
COMG 251 *(DA)*	Prin of Effective Public Speaking	3	SP 251	Prin of Effective Public Speaking	3
ECON 120, 130 or 131 *(DS)*	Intro to Econ, Prin of Micro, or Prin of Macro	3	ECON 120 or 130 or 131	Intro to Econ, Prin of Micro, or Macro	3
MATH 243	Calculus III	3	MATH 231	Calculus III	4
MATH 244	Calculus IV	3	MATH 232	Calculus IV	4
PHYS 272 *(DP)* & 272L *(DY)*	General Physics II & General Physics II Lab	3 1	PHYS 272 & 272L	General Physics II & General Physics II Lab	3 1
ICS 141	Discrete Mathematics for Computer Science I	3	ICS 141	Discrete Mathematics for Computer Science I	3

* *Can take at other UH community colleges*

Computer Engineering curriculum at UH Mānoa offers: 4 WI courses and E focus (300-level) course.

- It is recommended to take 2 writing intensive (WI) course while at Hon CC for the ASNS degree.

Computer Engineering (CE) — Alongside electrical engineering, this field focuses on electronics, computers, information technology, and the basic forms of energy that run our world. This exciting sector continues to deliver breakthroughs in solid-state technology (transistors, integrated circuits, VLSI chips, microprocessors, lasers, optical fibers), which in turn fuel the unprecedented revolution in telecommunications (the Internet, wireless and digital signal processing), computers (neural network, distributed, intelligent), instrumentation (biomedical, intelligent), and many other related areas.

UH Mānoa CE Website: http://www.ee.hawaii.edu/

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University of Hawaiʻi 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

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

For more information on how to apply to the University of Hawaiʻi at Mānoa please visit: http://manoa.hawaii.edu/admissions/undergrad/

Kaʻieʻie Transfer Pathway Program

Kaʻieʻie is a pathway program for students at Honolulu Community College who are planning to transfer to the University of Hawaiʻi at Mānoa. For more information on Kaʻieʻie and the benefits of the program please visit: http://uhcc.hawaii.edu/kaieie/

Contact Information: Lauren Prepose-Forsen – lprepose@hawaii.edu

UH Mānoa Engineering Contact Information

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Schedule Appointments at: 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 Hon CC Counselor for more detailed information on the ASNS degree requirements:

Hon CC Academic Counseling – (808) 845-9129, Building 6, 1st floor