



COLLEGE OF ENGINEERING
UNIVERSITY *of* HAWAII *at* MĀNOA

UNDERGRADUATE HANDBOOK

2026-2027 EDITION

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The digital pdf version of the handbook can be accessed at: eng.hawaii.edu/handbook

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If you are reading the hard copy of this handbook, we recommend also downloading the digital copy of this handbook for easier access to the links. Use the QR code below to download.





Aloha!

This University of Hawai'i at Mānoa College of Engineering (CoE) Undergraduate Handbook provides information for incoming students and continuing students.



For **Incoming Students**, this guide helps with:

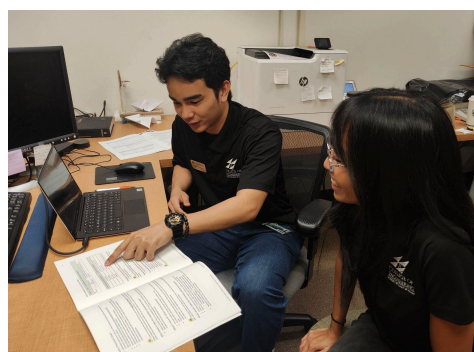
- Placement Exams
- AP Credits
- Transfer Credits
- Engineering Major Programs
- Planning First Semester Courses
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For **Continuing Students**, information about the following are included:

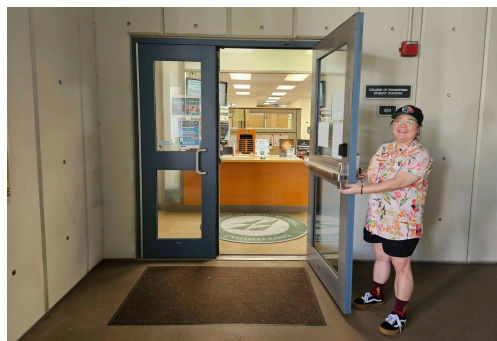
- CoE Academic Policies
- Advising
- Engineering Curriculum
- General Education Requirements
- Design Project Requirements
- Graduation
- Tutoring
- And more!!!

Whether you're starting your first semester or continuing your degree plan, the College of Engineering Undergraduate Handbook will guide you through your journey.

Be on the look out for the Warnings and Tips	
	Warning - Requires action or your attention to avoid issues or delays.
	Tips - Helpful advice that the advisors want to highlight for students.



Please contact the CoE Student Academic Services (CoE SAS) Office if you have questions.
Advising available in-person or online Zoom.



CoE Student Academic Services (SAS) Office

Location: Holmes Hall 250

Email: engradv@hawaii.edu, engrpeer@hawaii.edu

Phone: (808) 956-8404

Website/Appointments: www.eng.hawaii.edu/saso/

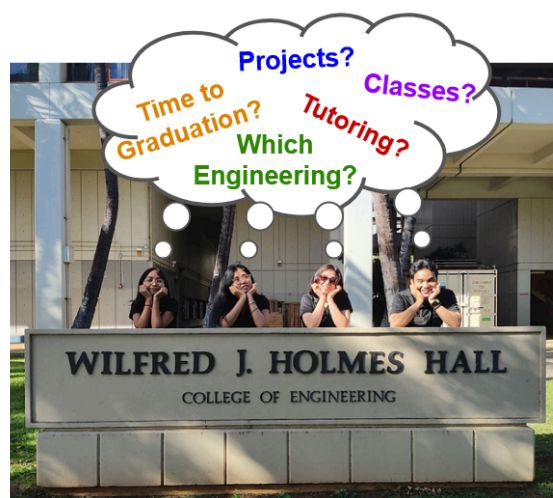
Engineering Advising Team

(College of Engineering Student Services Office)

Need Help?

Talk to the CoE Academic Advisors or Engineering Peer Advisors whenever you have questions or problems.

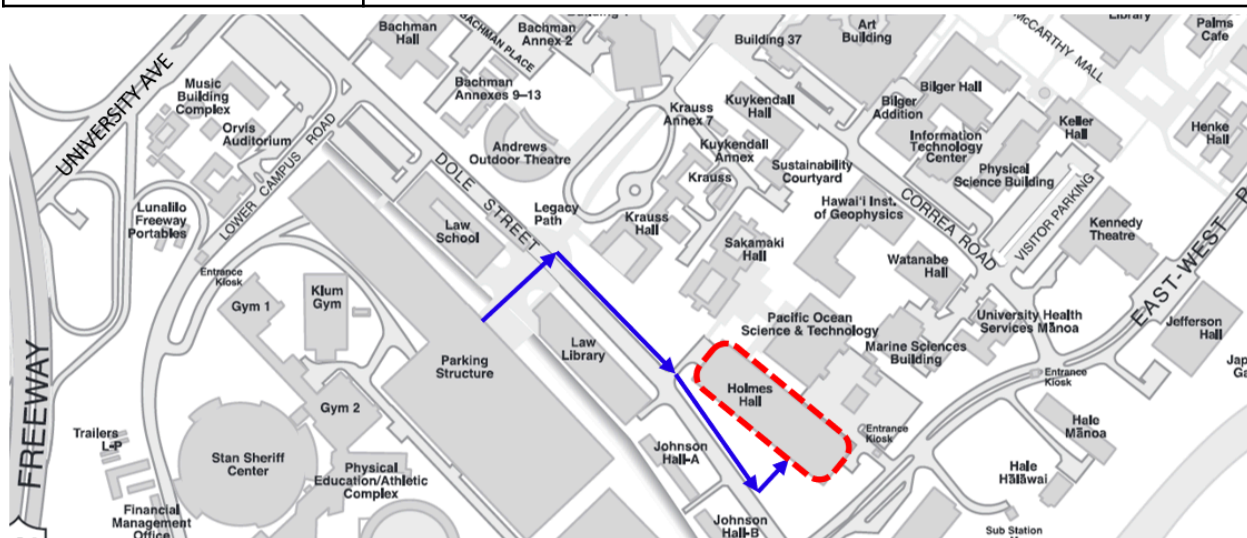
- We can help you with anything you are wondering or worried about related to college, career, or engineering.
- If we are not the ones who can help you best then we will connect you with the appropriate office or person.
- We can refer you to services like the Kokua (Disabilities) Office, Counseling Office, Tutoring/Academic Support, etc.



In the College of Engineering, we have both professional advisors (CoE Academic Advisor) and peer advisors (Engineering Peer Advisor), who are trained on the university policies and the engineering specific requirements and policies to help all students interested in an engineering undergraduate degree. See below for examples of how each of us can help you.

CoE Academic Advisor (college advisor)	Professional advisors in the College of Engineering who help all levels (freshmen - senior) of engineering students navigate college.
Who can they help?	All prospective, incoming, continuing Engineering and Pre-Engineering students.
What can they help with?	<ul style="list-style-type: none"> • Overview of engineering majors and career pathways • General education requirements and engineering requirements • Approvals/Signatures for Financial Aid, VA, ROTC, Exchange Program, and Late Add or Drop forms • Preparing for Graduation • Connecting with campus support services • Taking a Leave of Absence and/or Withdrawing • Declaring Major, Minor, Track or Concentration • General problem-solving
How to contact	<ul style="list-style-type: none"> • Setup an in-person or online Zoom appointment: https://www.eng.hawaii.edu/saso/ • Email engradv@hawaii.edu. Your email will go to all of the professional academic advisors in the CoE SAS Office so any one of us can help. • Stop by Holmes Hall 250 to see if any of the advisors are available.

Engineering Peer Advisor (EPA)	Current engineering upperclassmen students specifically trained by the CoE Academic Advisors to help all levels (freshmen - senior) of engineering students navigate college.
Who can they help?	All prospective, incoming, continuing Engineering and Pre-Engineering students.
What can they help with?	<ul style="list-style-type: none"> • Planning course schedule • Registration issues • Suggestions for popular courses • Overview of engineering majors and career pathways • General education requirements and engineering requirements • Student Life (housing, food, parking, activities, etc) • General problem-solving
How to contact	<ul style="list-style-type: none"> • Drop-in advising (no appointment needed) at Holmes Hall 250 or online on their Zoom kiosk. See their hours and zoom info: https://www.eng.hawaii.edu/saso/#peer • Email engrpeer@hawaii.edu.



We are here to help! Visit us in Holmes Hall 250 or [online](https://www.eng.hawaii.edu/saso/#peer)!
Email us questions anytime at engrpeer@hawaii.edu and engradv@hawaii.edu



For Incoming Engineering Students

(Students who applied and/or have been admitted to an undergraduate engineering major for the upcoming semester.)

A. Engineering Majors and Curriculum

The College of Engineering (CoE) currently offers the following undergraduate Bachelor of Science (BS) major programs:

- **Civil Engineering (CE)**
- **Construction Engineering (CNST)**
- **Computer Engineering (CENG)**
- **Electrical Engineering (EE)**
- **Mechanical Engineering (ME)**
- **Pre-Engineering (PREN)**

Pre-major for students who have not yet met the requirements to declare.

Pre-engineering majors work on the lower division (freshmen/sophomore) coursework towards their intended engineering major program. See section 3 of this handbook for more information on being accepted to [Pre-Engineering](#).

The curriculum checklist for each major can be found on the College of Engineering website below. <https://www.eng.hawaii.edu/students/current-students/curriculum>. The checklists are updated each academic year. (Pre-Engineering students should follow the checklist of the major that they intend to declare.)

Major	Name	ID#
Civil Engineering University of Hawaii at Manoa		
Electrical Engineering University of Hawaii at Manoa		
Mechanical Engineering University of Hawaii at Manoa		
Construction Engineering University of Hawaii at Manoa		
Computer Engineering University of Hawaii at Manoa		

The program of courses listed below satisfies the ABET accreditation criteria of 30 credits of mathematics and basic sciences, and 45 credits of engineering topics. Any deviations must be approved by the student's advisor, department chair, and dean. The University General Education Core & graduation requirements for Engineering are included.

ALL COURSES MUST BE TAKEN FOR LETTER (A-F) GRADES

Lower Division	Upper Division
FRESHMAN Eng 100 (FW) 3, Math 241 (FC) 4, Chem 150 (DP) 3, Chem 161L (DV) 1, ECE 150 or ECE 110 4/3, ECE 150 or ECE 111 4/3 SOPHOMORE ECE 211 4, ECE 212 4, ECE 213 4, ECE 214 4, ECE 215 4, ECE 216 4, ECE 217 4, ECE 218 4, ECE 219 4, ECE 220 4, ECE 221 4, ECE 222 4, ECE 223 4, ECE 224 4, ECE 225 4, ECE 226 4, ECE 227 4, ECE 228 4, ECE 229 4, ECE 230 4, ECE 231 4, ECE 232 4, ECE 233 4, ECE 234 4, ECE 235 4, ECE 236 4, ECE 237 4, ECE 238 4, ECE 239 4, ECE 240 4, ECE 241 4, ECE 242 4, ECE 243 4, ECE 244 4, ECE 245 4, ECE 246 4, ECE 247 4, ECE 248 4, ECE 249 4, ECE 250 4, ECE 251 4, ECE 252 4, ECE 253 4, ECE 254 4, ECE 255 4, ECE 256 4, ECE 257 4, ECE 258 4, ECE 259 4, ECE 260 4, ECE 261 4, ECE 262 4, ECE 263 4, ECE 264 4, ECE 265 4, ECE 266 4, ECE 267 4, ECE 268 4, ECE 269 4, ECE 270 4, ECE 271 4, ECE 272 4, ECE 273 4, ECE 274 4, ECE 275 4, ECE 276 4, ECE 277 4, ECE 278 4, ECE 279 4, ECE 280 4, ECE 281 4, ECE 282 4, ECE 283 4, ECE 284 4, ECE 285 4, ECE 286 4, ECE 287 4, ECE 288 4, ECE 289 4, ECE 290 4, ECE 291 4, ECE 292 4, ECE 293 4, ECE 294 4, ECE 295 4, ECE 296 4, ECE 297 4, ECE 298 4, ECE 299 4, ECE 300 4	JUNIOR ECE 310 3, ECE 311 3, ECE 312 3, ECE 313 3, ECE 314 3, ECE 315 3, ECE 316 3, ECE 317 3, ECE 318 3, ECE 319 3, ECE 320 3, ECE 321 3, ECE 322 3, ECE 323 3, ECE 324 3, ECE 325 3, ECE 326 3, ECE 327 3, ECE 328 3, ECE 329 3, ECE 330 3, ECE 331 3, ECE 332 3, ECE 333 3, ECE 334 3, ECE 335 3, ECE 336 3, ECE 337 3, ECE 338 3, ECE 339 3, ECE 340 3, ECE 341 3, ECE 342 3, ECE 343 3, ECE 344 3, ECE 345 3, ECE 346 3, ECE 347 3, ECE 348 3, ECE 349 3, ECE 350 3, ECE 351 3, ECE 352 3, ECE 353 3, ECE 354 3, ECE 355 3, ECE 356 3, ECE 357 3, ECE 358 3, ECE 359 3, ECE 360 3, ECE 361 3, ECE 362 3, ECE 363 3, ECE 364 3, ECE 365 3, ECE 366 3, ECE 367 3, ECE 368 3, ECE 369 3, ECE 370 3, ECE 371 3, ECE 372 3, ECE 373 3, ECE 374 3, ECE 375 3, ECE 376 3, ECE 377 3, ECE 378 3, ECE 379 3, ECE 380 3, ECE 381 3, ECE 382 3, ECE 383 3, ECE 384 3, ECE 385 3, ECE 386 3, ECE 387 3, ECE 388 3, ECE 389 3, ECE 390 3, ECE 391 3, ECE 392 3, ECE 393 3, ECE 394 3, ECE 395 3, ECE 396 3, ECE 397 3, ECE 398 3, ECE 399 3, ECE 400 3 SENIOR ECE 401 3, ECE 402 3, ECE 403 3, ECE 404 3, ECE 405 3, ECE 406 3, ECE 407 3, ECE 408 3, ECE 409 3, ECE 410 3, ECE 411 3, ECE 412 3, ECE 413 3, ECE 414 3, ECE 415 3, ECE 416 3, ECE 417 3, ECE 418 3, ECE 419 3, ECE 420 3, ECE 421 3, ECE 422 3, ECE 423 3, ECE 424 3, ECE 425 3, ECE 426 3, ECE 427 3, ECE 428 3, ECE 429 3, ECE 430 3, ECE 431 3, ECE 432 3, ECE 433 3, ECE 434 3, ECE 435 3, ECE 436 3, ECE 437 3, ECE 438 3, ECE 439 3, ECE 440 3, ECE 441 3, ECE 442 3, ECE 443 3, ECE 444 3, ECE 445 3, ECE 446 3, ECE 447 3, ECE 448 3, ECE 449 3, ECE 450 3

APPROVED FOR GRADUATION: _____



The curriculum checklist includes all of the degree requirements and is sequenced in the correct or recommended course order! Missing critical prerequisites can delay graduation. (Advising can help!)

B. Math Placement

How to Find the Appropriate First Math Course

This academic year (AY 26-27) the Math Department is updating their procedure to place into the Math courses for incoming students. Please refer to our [Engineering Incoming Student Website](#) for more details on what to do for Math Course Placement. The website includes information on determining the appropriate first Math course you can take based on:

- high school (within the past two years) math course
- previous or in-progress college math courses
- AP Calculus BC/AB or Precalculus exam scores
- SAT or ACT scores
- UH Mānoa math placement exam scores

When do I need to do my Math Course placement?

- A Math placement exam result or override based on credits/scores is needed BEFORE you can register for your math course.
- Placement forms or exams typically are done later in May or June for students who are incoming for the Fall semester. Registration for Fall typically begins in mid-July.

Math Course Sequences for Engineering

Pre-calculus courses: Math 134 → Math 140X → Start Calculus Series (Math 241)

- Math 134 and Math 140X are the pre-calculus courses which will need to be taken (if you are placed into either of them) in order to then get to the first calculus course. They will count towards the requirements for your degree.



Math 134 and Math 140X will not automatically show up with course placeholders in STAR. You may add these courses as a Personal Choice on the STAR GPS registration page, or your engineering advisor can help add the placeholder.

Standard 4 semester calculus series: Math 241 → Math 242 → Math 243 → Math 244

- This is the standard calculus courses on the curriculum that need to be taken in sequential order.

***Honors / Accelerated 3 semester calculus series: Math 251A → 252A → 253A**

- Students with a high enough score on the math placement, SAT, ACT, or AP exam) may consider taking the accelerated calculus series. This series completes calculus in 3 semesters total rather than the standard 4 semesters.
- If you place in the Honors/Accelerated Math series, the College of Engineering highly recommends trying it. If you are unsure or want to learn more about what makes it accelerated contact the Math department to discuss.



Engineering students should NOT take other precalc/calc courses like Math 161, 203, 215 etc. These courses will NOT count towards the degree and NOT set you on the right path.

Importance of Math for Engineering and Time to Graduation

- Math is very important towards making timely progress in any engineering degree.
- Math 241 (calculus I) or Math 251A (calculus I accelerated) is the prerequisite for the next Math 242 and Phys 170 courses which are then the prerequisites for each of the first engineering 200-level (sophomore) courses.

Example 1st Year Courses Plan (from the curriculum checksheets)			
Fall	Credits	Spring	Credits
Eng 100 or FW	3	Math 242	4
Math 241	4	Phys 170	4
Chem 161	3	Phys 170L	1
Chem 161L	1	Chem 162	3
FG	3	ECE 160	4
Total Credits	14	Total Credits	16

2nd Year Courses	
Engineering Major Specific Courses that require Math 242 and Phys 170 as prerequisites	

Starting with **Math 134** → Typically **4.5 - 5 years** to finish an engineering degree.

1st Year			2nd Year		3rd Year	
Fall	Spring	Summer	Fall	Spring	Fall	Spring
Math 134	Math 140X	none	Math 241	Math 242 Phys 170	1st sem engr Sophomore	2nd sem engr Sophomore
Math 134	Math 140X	Math 241	Math 242 Phys 170	1st sem engr Sophomore	2nd sem engr Sophomore	1st sem engr Junior

Starting with **Math 140X** → Typically **4 - 4.5 years** to finish an engineering degree.

1st Year			2nd Year		3rd Year	
Fall	Spring	Summer	Fall	Spring	Fall	Spring
Math 140X	Math 241	none	Math 242 Phys 170	1st sem engr Sophomore	2nd sem engr Sophomore	1st sem engr Junior
Math 140X	Math 241	Math 242 Phys 170	1st sem engr Sophomore	2nd sem engr Sophomore	1st sem engr Junior	2nd sem engr Junior

Starting with **Math 241 / 251A** → Typically **4 years** to finish an engineering degree.

1st Year			2nd Year		3rd Year	
Fall	Spring	Summer	Fall	Spring	Fall	Spring
Math 241	Math 242 Phys 170	none	1st sem engr Sophomore	2nd sem engr Sophomore	1st sem engr Junior	2nd sem engr Junior

C. Chemistry Placement

How to Find the Appropriate First Chemistry Course

This academic year (AY 26-27) the Chemistry Department is updating their procedure to place into the Chemistry courses for incoming students. Please refer to our [Engineering Incoming Student Website](#) for more details on what to do for Chemistry Course Placement. The website includes information on determining the appropriate first Chemistry course you can take based on:

- high school (within the past two years) math course
- previous or in-progress college math courses
- AP Chemistry exam scores
- UH Mānoa chemistry placement exam scores

When do I need to do my Chemistry Course placement?

- A chemistry placement exam result or override based on previous course credits/scores is needed BEFORE you can register for your math course.
- Placement forms or exams typically are done later in May or June for students who are incoming for the Fall semester. Registration for Fall typically begins in mid-July.

Chemistry Course Sequences for Engineering

***Preparatory Chemistry course: Chem 131 → Start Standard General Chemistry series**

- After passing this course with a C or better you would be able to move onto Chem 161 and 161L
- Chem 131 does not have a lab.



Chem 131 will not automatically show up with course placeholders in STAR. You may add it as a Personal Choice on the STAR GPS registration page, or ask your engineering advisor to help add the placeholder.

Standard General Chemistry series: Chem 161 and 161L → Chem 162

- This is the standard sequence of calculus courses that is shown on the curriculum check sheet.

****Accelerated General Chemistry courses: Chem 171/171L**

- NOTE: The Chemistry Department is NOT planning to offer Chem 171/171L
- If available, the Chem 171/171L would substitute for all of the Chem 161/161L and 162 requirements for engineering majors.



If you are pursuing medical school, you will need Chem 161/16L and 162/162L NOT 171/171L.

D. AP Exam Credits

The AP Factsheet page explains what you may receive credit for based on your AP exam scores. Math and Chemistry AP exam credits are explained in the previous placement exams sections.

<https://manoa.hawaii.edu/admissions/factsheet/ap.html>

Course credits earned based on the above UH Mānoa AP Factsheet may or may not fulfill requirements towards your engineering degree. Discuss credits earned with an Engineering Academic Advisor or Peer Advisor. (<https://www.eng.hawaii.edu/saso/>)



Your official AP exam scores need to be sent directly from the College Board to UH Mānoa Admissions so the credits can be entered on the UH Mānoa student record.

AP exam scores usually do not reach UH Mānoa until July. You may contact [UH Mānoa Admissions](#) to check on the status.

E. College Credits (Early College or Transfer Credits)

- The Office of Admissions handles transfer credit evaluations for college courses taken at other institutions/campuses.
- The student should have all of their previous college/university send the official transcript(s) with final grades for all their previous college coursework **directly to** [UH Mānoa Office of Admissions](#).
- Once Admissions receives the official transcripts, they will work with appropriate departments to evaluate equivalencies and enter the equivalent course credits onto the UH Mānoa student record in STAR.
- Discuss how credits earned are applicable or not applicable to your engineering degree requirements with an Engineering Academic Advisor or Peer Advisor. (<https://www.eng.hawaii.edu/saso/>)




Your official transcript from the college you took the credits through needs to be sent directly from that college to UH Mānoa Admissions so the credits can be entered on the UH Mānoa student record.

You may contact [UH Mānoa Admissions](#) to check on the status if you know that you have had your college send the official transcript to UH Mānoa Admissions.

F. Planning First Semester Courses

Students need at least **12 credits to be considered full-time**.

- STAR GPS system will make course recommendations based on the student's curriculum.
- Engineering Advisors recommend that incoming freshmen prioritize taking the highest math and chem they place into, and add other general education courses for a total of 12-15 credits in their first semester.

	<p>STAR GPS does NOT always make the optimal recommendations for students. It won't take into account credit load and placement exam scores or AP/transfer credits until they are posted to your record.</p> <p>Work with your Engineering Academic Advisor or Peer Advisor to plan for your particular situation. (https://www.eng.hawaii.edu/saso/)</p>
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Incoming Freshmen Students

Example of first semester freshman schedule		
Type of Course	Example course	Credits
Math course: (based on placement or AP/College credits)	Math 241	4
Chemistry course: (based on placement or AP/College credits)	Chem 161 Chem 161L	3 1
General Education course: (see some options below)	Eng 100 (FW) (English 100)	3
General Education course: (see some options below)	Hist 151 (FG)	3
Engineering Freshman Seminar (optional):	*Engr 100	1
Total Credits		15 credits
<p><i>STAR GPS will not allow registration of math and chemistry courses without the placement exam score or AP/college credits posted to a student's STAR record.</i></p> <p><i>But students may and should register for all other courses as soon as their registration opens.</i></p>		

General Education courses are flexible in when they can be taken. Review the [general education section](#) for more details. Here are common general education courses that freshman take:

- Intro to Economics (DS) = one of Economics 120, 130 or 131
- Global & Multicultural Perspectives (FGA, FGB, FGC) = Options listed in STAR GPS
- Foundation Written Comm (FW) = Eng 100, or other options listed in STAR GPS



We highly encourage all freshmen to take the **Engr 100: Engineering Freshman Seminar* course.

***Engr 100** - Engineering Freshman Seminar course is an optional 1 credit, CR/NC (credit/no credit) course offered in Fall semesters intended to familiarize incoming freshmen with:

- College academic success for engineering majors
- Engineering career/resume preparation
- Engineering disciplines/majors
- Build community amongst our engineering freshmen
- Connect with Engineering upper classmen, faculty, and staff
- Learn about opportunities to take advantage of like:
 - Design and/or Research projects
 - Engineering organizations, clubs, and competitions
 - Scholarships, Financial Aid
 - Student Employment
 - Entrepreneurship programs
 - International and National Student Exchange programs

Incoming Transfer Students

Transfer students enter the program at any point in the curriculum, which is determined by the transfer credits they receive as evaluated by UH Mānoa and how they apply to their engineering major program requirements.



It is critically important for transfer students to have their previous colleges/universities send their final official transcripts directly to UH Mānoa Admissions. This begins the transfer credit evaluation process by UH Mānoa Admissions.

STAR GPS will not allow registration of courses that require prerequisites until the transfer credits for those prerequisites are posted to a student's STAR record. The posting of transfer course credits is handled by the UH Mānoa Admissions.

1. Be sure official transcripts were sent to UH Mānoa admissions directly from your previous schools.
 - a. If you are unsure if the transcripts were received or it is taking long to see your credits, contact the [UH Mānoa Admissions](#) to ask for an update.
 - b. Engineering academic advisors will have difficulty assisting with course planning without the transfer credits posted in STAR.
2. Login to STAR and check to see if the transfer credits are showing on the Transcript.
3. Try planning yourself! Get the appropriate major check sheet and check off the boxes for the courses that you see you received credit for on the STAR transcript.
4. Meet with an academic advisor to discuss your transfer credits and curriculum, and plan your next courses. <https://www.eng.hawaii.edu/saso/>

----- End of Incoming Engineering Student Section -----

Continue on to important information for all new and continuing engineering undergraduate students.


Continuing and New Engineering Student Section (Important information for all college of engineering students.)

1. Academic Calendar & Deadlines; Final Exam Schedule

Academic Calendar

<https://manoa.hawaii.edu/registrar/academic-calendar/>

Important University-wide dates and deadlines are listed on the UH Mānoa Academic Calendar which is available and updated by the UH Mānoa Office of the Registrar.

	<p>Deadlines are important and are strictly enforced by the University and College of Engineering. The University and College only accept appeals for extenuating circumstances. Approval of appeals are not guaranteed.</p>
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Final Exam Schedule

<https://manoa.hawaii.edu/undergrad/schedule/final-exams/>

2. Academic Policies

Letter Grade Policy for all Degree Requirements

- All courses that fulfill degree requirements (including all general education requirements and engineering requirements) **need to be taken as A-F grading** at whichever campus you are taking it.
- CR (credit) or P (passing) grades will not count towards the degree and will prevent graduation. The only exception is that the College of Engineering recognizes CR grades earned during the Spring 2020 semester as fulfilling degree requirements due to the mid-semester disruption caused by the COVID-19 pandemic.

UH Mānoa Catalog

The UH Mānoa catalog includes information about all degree programs, undergraduate general education requirements, campus and academic policies, tuition, and course descriptions and prerequisites. The catalog is updated each academic year. <https://catalog.manoa.hawaii.edu/>

Academic Integrity and Honesty

The University has a student code of conduct that must be adhered to by the student. The code of conduct includes policies on cheating, plagiarism, or other forms of academic dishonesty. Please see the student code of conduct on the UH Mānoa website below.

<https://manoa.hawaii.edu/studentssuccess/conduct-code/>

Reporting and investigation of academic dishonesty or other violations of the code is done through the Office of Student Conduct. If found in violation, the resulting sanction(s) may include expulsion from the University. <https://manoa.hawaii.edu/studentssuccess/conduct-code/>

Students in violation of the guidelines in any College of Engineering courses face immediate disciplinary actions at the discretion of the instructor, but may result in reporting to the Department, College, and/or the Office of Student Conduct. If found in violation, the resulting sanction(s) may include expulsion from the University. Guidelines are listed at the following CoE webpage.

<https://www.eng.hawaii.edu/students/current-students/guidelines/#edevice>

Requirements for Good Standing (specific to Engineering majors)

Undergraduate engineering students are subject to the policies of academic probation, suspension, and dismissal of UH Mānoa as specified in the Catalog: [Satisfactory Academic Progress Toward Degree](#).

- **In addition to the UH Mānoa requirements, engineering students are required to maintain a 2.0 or higher in both the cumulative GPA and major GPA for Good Standing.**
- If either the **cumulative** or **major** GPA falls below a 2.0, the student will be placed on academic probation.
 - **Cumulative GPA** : Calculated on grades earned for all UH Mānoa courses.
 - **Major GPA** : Calculated on grades earned for all 300+ level UH Mānoa Math, Science, and Engineering courses.

Academic Probation, Suspension Dismissal

Students are placed on academic **Probation** if either or both of the *cumulative* and *major* GPAs fall below a 2.0. While on probation, students may continue in courses but must then maintain a *semester* GPA of 2.0 or higher for each probationary semester to continue. Failure to meet any of the above conditions may result in suspension or dismissal.

Suspended students may not take courses for one semester at UH Mānoa and must reapply for admission through the UH Mānoa Admissions (fill out the transfer application) within specified deadlines for the semester of return. Students who do not take courses after being suspended for the required one semester are eligible to be readmitted to the College of Engineering. Suspended students who attend another institution (including other UH system campuses) will be considered “transfer” students when reapplying to UH Mānoa and must meet the transfer requirements of the College of Engineering.

Dismissed students will not be able to take any courses at UH Mānoa for one year and will need to reapply to return. After being dismissed, the student is encouraged to take courses at the community colleges to show a history of academic success before reapplying to UH Mānoa. Usually the student is not re-accepted to engineering but may appeal for readmission to an engineering major through the College of Engineering.

3. Pre-Engineering

Pre-engineering major students are a part of the College of Engineering. They work on taking all of the lower division (freshmen/sophomore) coursework towards their intended engineering major.

Pre-engineering students have access to the following:

- Academic advising with an engineering advisor
- Notification of all engineering events/opportunities and scholarships
- Access to the 100 and 200 level engineering courses for which they meet prereqs (except CEE/ME 271 and ME 213 which are major restricted). Students will need to be declared before they can take the 300 level and above engineering courses.



Pre-Engineering students can graduate on the 4 year plan if staying on track with the math/prerequisite requirements as laid out on the checksheet.

Work with the engineering academic advisors to stay on track!

Once a Pre-engineering student has successfully met the following or equivalents they should declare their intended engineering major:

- Eng 100
- Math 241 and 242
- Chem 161/161L and Chem 162 (or Chem 171/171L)
- Phys 170/170L
- overall GPA of 3.0 at UH Mānoa

AFTER successful completion of the above requirements, students can declare by filling out a Major Declaration Form: <https://www.eng.hawaii.edu/saso/#majordec>

4. The Mandatory Advising Requirement (once/midsemester)

Advising is mandatory for all CONTINUING engineering students EACH semester.

What happens during mandatory advising?

During the set mandatory advising season (mid-semester) dates, students must fill out their advising sheet, discuss it with their advisor, and get their sheet approved by their advisor before the posted deadline. Typically mandatory advising occurs in Oct/Nov during the Fall and March/April during the Spring. See the CoE website for specific dates. <https://www.eng.hawaii.edu/mandatory-advising/>



Not completing mandatory advising by the deadline posted on the website will result in a registration HOLD on the student.

Steps to Complete Mandatory Advising

Follow the set of instructions that applies to your situation on the [CoE webpage](#).

- Continuing in your current engineering major
- Changing majors to another engineering major (ex. ME major to EE major)
- Changing majors to another major outside of the CoE (ex. CE major to Biology major)

Who is my Advisor for Mandatory Advising?

Your assigned advisor for the once a semester mandatory advising requirement is based on your major (CE, CNST, EE, CENG, ME, or PREN) and your class standing.



Your assigned advisor name and email address are provided on the CoE Advising Website: <https://apply.eng.hawaii.edu/advising>.

Academic Advisor (college advisor)	Professional advisors in the College of Engineering who help all levels of engineering students navigate college. (They are the only advisors that CAN sign VA, ROTC, Financial Aid forms.)
Which students are assigned to them for Mandatory Advising?	Pre-Engineering Non-Freshmen are assigned to the Engineering Academic Advisors.
Faculty Advisor (major advisor)	Professors from your engineering major department who are assigned to declared engineering students for mandatory advising. (They are NOT professional academic advisors so they CANNOT sign VA, ROTC, Financial Aid forms.)
Which students are assigned to them for Mandatory Advising?	Declared Engineering Students from their department. Assignments are done by department each semester after the 3rd week.
Engineering Peer Advisor (EPA)	Upperclassmen students in engineering majors who work with the CoE Academic Advisors. They are specifically trained by the CoE Academic Advisors on helping all levels of engineering students navigate college.
Which students are assigned to them for Mandatory Advising?	Pre-Engineering Freshmen are assigned to the Engineering Peer Advisors.

What should I discuss with my advisor during Mandatory Advising?

- Your current courses and next courses
- Upcoming Fall or Spring only courses
- Discrepancies on your records (list them in discrepancies box on the advising sheet)
- Design Project courses
- Career and Research interests/questions
- BAM (Bachelor and Accelerated Master Program) eligibility
- Choosing a track or concentration (officially request track on [CoE advising site](#))
 - Civil Engineering required choice of track – General, Structures, or Sustainability - (decide by/during junior year)
 - Electrical Engineering required choice of track – Electro-Physics (EP) or Systems & Data Science (SDS) - (decide by/during junior year)
 - Electrical Engineering optional concentration in Biomedical or Energy
 - Mechanical Engineering optional concentration in Aerospace - (decide by end of freshmen/beginning of sophomore)

How do I plan my next classes?

1. **View your major curriculum check sheet.** The check sheets include all requirements to graduate and notes about your curriculum tracks and engineering elective options. The course requirements are laid out as a four year plan starting from calculus I (Math 241) in prerequisite order on the check sheet.
 - a. Declared Engineering students - see your personal check sheet on the [CoE advising website](#).
 - b. Pre-Engineering students - view the check sheet of the engineering major you are interested in pursuing at the link below.
<https://www.eng.hawaii.edu/students/current-students/curriculum/#checksheets>
2. **View your transcript in STAR to find all courses/credits you have taken.** Mark the boxes of all the courses you have completed or have in-progress on your check sheet to help you determine which courses are next on your check sheet.
3. **Check the Prerequisites for the courses you identified as next courses to take.**
 - a. Prerequisites are listed in the course descriptions available in the [UH Mānoa Catalog](#).
 - b. If you do not meet the prerequisite requirement to take the course, you should plan to take or retake that prerequisite course instead.
 - c. *Pay close attention to prereq minimum grades requirements, if you get a C- or lower in a prerequisite that requires a C or better you will need to retake that course.*
4. **Add up the credits for your next courses and determine the amount of credits you want to take next semester.**
 - a. 12 credits is the minimum for full time status.
 - b. 19 credits is the maximum you can take in a semester.
 - c. Talk to your advisor about balancing credit load and which courses are recommended to stay on track if you need to take fewer courses.

5. Engineering Curriculum

Engineering Curriculum Checksheets

The curriculum checksheet for each major can be found on the College of Engineering website below.
<https://www.eng.hawaii.edu/students/current-students/curriculum>

- The curriculum checksheet includes all of the degree requirements (engineering and general education) and is sequenced in the recommended/required course order.
- Check sheets include a helpful Notes Section that describe courses that fulfill the major specific engineering electives and acceptable substitutions.
- The checksheets are updated each academic year. You are responsible for the checksheet of the year that you are accepted into your final engineering major.
- Pre-Engineering students should follow the checksheet of the major they intend to declare.

UH Mānoa General Education Requirements (specific to engineering)

There are four types of UH Mānoa general education (gen ed) requirements that are required for all students to graduate.

1. Foundation
2. Diversification
3. Focus
4. Hawaiian or Second Language (*waived for engineering students*)

For more information of any of the general education requirements, please visit the catalog website.


https://catalog.manoa.hawaii.edu/preview_program.php?catoid=2&poid=506

The following tables below describe the general education requirements as they specifically work with the different engineering curricula. Some gen ed requirements are built into the engineering required courses.

General Education Requirements Tables

Highlighted are classes that will be your choice.

Foundation Requirements		
Requirement Name	Credits needed	Course
Written Communication (FW)	3 credits (1 course)	Eng 100 or other options listed in STAR GPS
Quantitative Reasoning (FQ)	3 credits (1 course)	Math 241 or Math 251A (all engineering students are required to have credit for one of these)
Global & Multicultural Perspectives (FGA, FGB, FGC)*	3 credits (1 course)	1 course FG (A, B, or C) - Options listed in STAR GPS
Global & Multicultural Perspectives (FGA, FGB, FGC)*	3 credits (1 course)	1 course FG (A, B, or C) - Options listed in STAR GPS
*For the two FG courses needed for the Global & Multicultural Perspectives requirement, each course needs to be from a different group (A or B or C)		

	<p>Foundation Requirements CANNOT be double dipped with any other general education requirements.</p> <p>Ex. The FW course, Eng 100, is NOT a Writing Intensive (WI) Focus course.</p>
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General Education Requirements Tables Cont'd

Highlighted are classes that will be your choice.

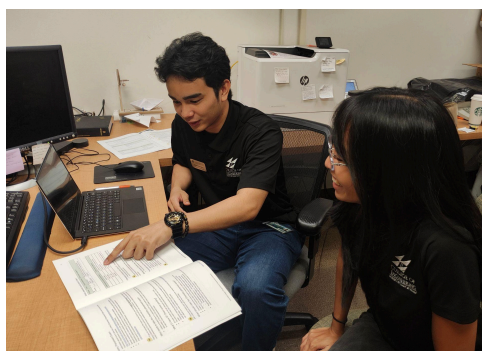
Diversification Requirements			
Requirement Name	How it's listed on checksheet	Credits needed	Course
Diversification Social Science (DS)	Econ 120, 130, or 131	3 credits (1 course)	One of Econ 120, 130, or 131
Diversification Social Science (DS)	DS	3 credits	One 3 credit DS (non-econ) course - Options listed in STAR GPS
Diversification Arts (DA)	Comg 251	3 credits (1 course)	Comg 251 (DA)
Diversification Humanities or Literature (DH or DL)	DH or DL	3 credits	One 3 credit DH or DL course - Options listed in STAR GPS
Diversification Sciences (DB, DP, DY)	All requirements are met by the engineering curriculum. You do NOT need to choose/find any of these on your own.		



Diversification Requirements CAN be double dipped with other general education requirements.

Ex. Hwst 107 is both a DH (humanities) and a HAP (Hawaiian, Asian, Pacific) Focus course. You would get two requirements done with the one course.

You can find these double or triple dipping courses by searching in STAR GPS using the search menu to select the requirement checkboxes. **Ask an EPA or advisor for help if you can't find them.**



EPAs (engineering peer advisors) are upperclassmen in engineering and can recommend the “popular” courses or the “double or triple dipping” general education courses. They can also walk you through how to find the courses in STAR.

Ask an EPA about it!

<https://www.eng.hawaii.edu/saso/#peer>
engrpeer@hawaii.edu

General Education Requirements Tables Cont'd

Highlighted are classes that will be your choice.

*Focus Courses are subject to approval by UH Mānoa

Focus Requirements		
Requirement Name	Courses needed	Course
Hawaiian, Asian, Pacific Issues (H or HAP Focus)	1 course, any level	Add a Personal Choice in STAR GPS and select the HAP checkbox to see options
Contemporary Ethical Issues (E or Eth Focus)	1 course, 300- or 400-level	CE and CNST majors: CEE 489
		CENG and EE majors: ECE 495
		ME majors: ME 481 ME major w/ aerospace : EPET/ME 400
Oral Communication (O or OC Focus)	1 course, 300- or 400-level	CE and CNST majors: CEE 490
		CENG and EE majors: ECE 496
		ME majors: ME 482 ME major w/ aerospace : EPET/ME 301



Focus Requirements CAN be double dipped with other general education requirements.

Ex. Hwst 107 is both a DH (humanities) and a HAP (Hawaiian, Asian, Pacific) Focus course. You would get two requirements done with the one course.

You can find these double or triple dipping courses by searching in STAR GPS using the search menu to select the requirement checkboxes. **Ask an EPA or advisor for help if you can't find them.** engrpeer@hawaii.edu

General Education Requirements Tables Cont'd

Highlighted are classes that will be your choice.

*Focus Courses are subject to approval by UH Mānoa.

Focus Requirements continued		
Requirement Name	Courses needed	Courses
Writing Intensive (W or WI Focus)	5 courses, at least two must be at the 300- or 400-level	CE major CEE 320, 330, 355, 370L, 375
		CNST major CEE 320, 355, 370L, 375 + 1 more course of your choice
		CENG major ECE 361L, 367L, 468, and 496 +1 more course of your choice
		EE major ECE 343L (SDS track) <u>or</u> ECE 326L (EP track) and ECE 496 + 3 more courses of your choice
		ME major ME 322, 341, 375, 422, 481
		ME major w/ aerospace conc. EPET/ME 201, 301, 401; ME 322, 375



Focus Requirements CAN be double dipped with other general education requirements.

Ex. Ling 150C is all of a DS (non-econ) and a HAP (Hawaiian, Asian, Pacific) Focus and a WI (Writing Intensive) Focus course. You would get all three of those requirements done with the one course.

You can find these double or triple dipping courses by searching in STAR GPS using the search menu to select the requirement checkboxes. **Ask an EPA or advisor for help if you can't find them.** engrpeer@hawaii.edu

Hawaiian Language or Second Language (HSL) Requirement


WAIVED for all engineering students. Hawaiian Language or Second Language is not required for engineering students.


Engineering Design Project Requirements

Each engineering major requires design projects as part of their curriculum. Please see the tables below for more information on the project requirements.

****The College of Engineering encourages students to get involved in projects beyond the required coursework, starting as early as freshmen year and continuing throughout their time in college.****

Civil Engineering (CE) and Construction Engineering (CNST)	
<p>Senior design is a year long sequence: CEE 489 and 490. Please talk with your faculty advisor or the CEE 489/490 instructors if you have questions.</p>	<p>Prereq for CEE 489: CEE 220 and 250 (with D- or better), CEE 305 (with C or better), and senior standing</p>
<p>CEE 489 is Fall-only; CEE 490 is Spring-only.</p>	<p>Prereq for CEE 490: CEE 489 passed and senior standing</p>

Computer Engineering (CENG) and Electrical Engineering (EE)	
<p>You are required to do a minimum sophomore design (296) for 1 credit, junior design (396) for 2 credits, and senior design (496) for 3 credits.</p>	
	<p>The CRN for all x96 courses are <u>NOT</u> publicly listed in STAR. You will need to contact the project faculty directly to discuss signing up for x96. Talk to your ECE faculty about finding an x96 project to join. Information about finding/registering for x96 classes: ece.hawaii.edu/student/undergrad/x96-projects</p>
<p>Sophomore design course x296 can be taken as ECE or ENGR. <i>You will need at least 1 credit of 296 for graduation.</i></p>	<p>Usually taken in sophomore year (around the time of completing the first ECE courses like 160, 211)</p>
<p>Junior design x396 can be taken as ECE or ENGR. <i>You will need at least 2 credits of 396 for graduation.</i></p>	<p>Prereq: C or better in ECE or ENGR 296</p>
<p>Be sure that you set the appropriate number of credits in STAR GPS when you register for 396. In STAR GPS, ECE 396 defaults to a minimum of 1 credit. Please discuss with your 396 instructor about the amount of credits to take based on the number of semesters you will be involved in the project.</p>	<p>Usually taken in junior year</p>
<p>Senior design will be ECE 496. <i>You will need at least 3 credits of ECE 496 for graduation.</i></p>	<p>Prereq: C or better in ECE or ENGR 396</p>
<p>Be sure that you set the appropriate number of credits in STAR GPS when you register for 496. In STAR GPS, ECE 496 defaults to a minimum of 2cr. Please discuss with your 496 faculty about the amount of credits to take based on the number of semesters you will be involved in the project.</p>	<p>Should be taken in senior year as capstone</p>

Mechanical Engineering (ME)	
<p>Senior design is a year long sequence: ME 481 and 482. Please talk to your ME faculty advisor about the process of registering for senior design (ME 481 and 482).</p>	<p>Prereq for ME 481: ME 322, ME 341, ME 372, and ME 375 passed</p>
 <p>The head faculty of the senior design will email seniors about the process of receiving the permissions to sign up for the appropriate section of ME 481 and 482.</p>	<p>Prereq for ME 482: ME 481 passed</p>
Mechanical Engineering (ME) w/ Aerospace Concentration	
<p>Senior design is a year long sequence: ME/EPET 400 and 401. ME/EPET 400 is Spring-only, ME/EPET 401 is Fall-only</p>	<p>Prereq for ME/EPET 400: ME/EPET 301 Prereq for ME/EPET 401: ME/EPET 400</p>

6. Bachelor & Accelerated Master Program (BAM)

The BAM program provides a fast track for students to earn a Bachelor's and Master's degree in an accelerated amount of time (potentially within five years).

Eligibility requirements determined from the Junior Year:

- Pass a Gateway Course with appropriate grade (course and grade differs depending on which engineering degree the student is pursuing, usually B or B+ or better)
- At time of application to the BAM, have a cumulative GPA of 3.0 or better

Students can apply after completing the Gateway (junior level) Course. **See the department websites for their specific admissions requirements and BAM coordinator contact for questions.**

Civil, Environmental, and Construction Engineering Department cee.hawaii.edu/graduate/bam/	BS - Civil Engineering	MS - Civil Engineering
Electrical and Computer Engineering Department ee.hawaii.edu/student/graduate/bam-bs-ms	BS - Electrical Engineering or BS - Computer Engineering	MS - Electrical and Computer Engineering
Mechanical Engineering Department me.hawaii.edu/programs/accelerated-bs-ms-program/	BS - Mechanical Engineering or BS - Mechanical Engineering with Aerospace Conc.	MS - Mechanical Engineering

7. Minors and Multiple Majors

Minors

Find out which programs offer a minor: <https://manoa.hawaii.edu/catalog/degrees-minors-certificates/>

The College of Engineering does not offer any engineering minors.

To learn more about declaring a particular minor and planning courses to complete it, students need to meet with an advisor from the intended minor degree program. After doing so the student can officially declare the minor by filling out a Major Declaration Form (which is also the Minor Declaration Form) available on our website: <https://www.eng.hawaii.edu/saso/#majordec>

Multiple Majors

Before applying for a second or multiple major(s), students need to consult with advisors from each of the appropriate major colleges to ensure that they meet the criteria for pursuing multiple major degrees. Engineering students should first contact the Director of Academic Affairs in the CoE Student Academic Services Office to discuss a multiple major.

To be eligible for consideration, you must already have a declared major and be in good academic standing (2.0 cumulative Grade Point Average or above). Note that each college/school may have its own eligibility and application requirements in addition to this.

- The College of Engineering requires a 3.0 cumulative gpa and history of good academic performance in engineering related college courses.
- The College of Engineering does not allow certain majors to be combined with the engineering major. Please discuss with the Director of Academic Affairs in the Student Academic Services Office. <https://www.eng.hawaii.edu/students/saso/>
- Find the advising office of non-engineering majors through the following website. <https://manoa.hawaii.edu/advisingguide/>

8. Registration

Registration timetable: <https://www.hawaii.edu/myuhinfo/uh-manoa/>

Your personal registration start date/time is based on the amount of credits you have earned (do not count the credits that you have in progress).

Registration Errors

If you are encountering a prerequisite error and actually do not meet the prerequisite, you will not be able to take that course until you do meet the prerequisites. Register instead for the prerequisite course.

For all other errors:

- Check the Registration Error webpage and contact the appropriate person/office to clear error <https://manoa.hawaii.edu/registrar/registration/errors-overrides/>
- Contact CoE Student Academic Services Office (engradv@hawaii.edu) for clarification and ***importantly include the type of error that you are receiving in STAR***

Prerequisites

Prerequisites for each course are listed in the course descriptions available in the UH Mānoa Catalog. <https://catalog.manoa.hawaii.edu/content.php?catoid=2&navoid=420>

For example, the **Phys 170 course description taken from the catalog is shown below**. There is a short description of the Phys 170 course and the prerequisite requirements are:

“Math 242 (or concurrent) or Math 252A (or concurrent). Math 216 may be substituted with consent.”

At the top of the Physics course description page it also mentions,

“A grade of C (not C-) is required in all prerequisite courses, unless otherwise specified.”

This means that a student can register for Phys 170 if they have either:

- Passed Math 242 or Math 252A with a C or better
- Taking Math 242 or Math 252A concurrently (registered in the same semester) as the Phys 170

(Note: Math 216 is not an approved substitution for engineering majors)

Course Filter

Filter this list of courses using course prefix, course code, keywords or any combination.

Prefix:	Code or Number:	Type	Keyword or Phrase:
PHYS <input type="text"/>	170 <input type="text"/>	All types... <input type="text"/>	<input type="text"/>
<input type="button" value="Filter"/>			

Find whole word or phrase only.

Physics

A grade of C (not C-) or better is required in all prerequisite courses, unless otherwise specified. Credit toward the degree is given for either [PHYS 151/PHYS 151L](#) or [PHYS 170/PHYS 170L](#) and similarly for either [PHYS 152/PHYS 152L](#) or [PHYS 272/PHYS 272L](#). However, the courses may come from different sequences.

[PHYS 170 - General Physics I](#)

PHYS 170 - General Physics I

Credits: 4

Calculus-based mechanics of particles and rigid bodies: kinematics, force, energy, momentum, rotation, gravitation, fluids, oscillations and waves. Intended for physical science and engineering majors.

Prerequisites: [MATH 242](#) (or concurrent) or [MATH 252A](#) (or concurrent). [MATH 216](#) may be substituted with consent.

General Education Designation(s): DP

Common Registration Overrides

- Contact the instructor of the course or the Dept Office/Chair of the course to ask about overrides. If you cannot reach the department you can contact the CoE Student Academic Services Office at engradv@hawaii.edu
- **Students with Phys 151 and/or 152 credits (through AP Phys 1 scores or College credits) will still need to take Phys 170 and 272, respectively.** These students will need to contact the Physics department at physics@hawaii.edu to ask for the override to register for Phys 170 because they are engineering majors who have credit for Phys 151. (And will need to do the same for Phys 272 - Phys 152)
- **Time Conflict and Credit Overload overrides**
 - Follow website instructions - <https://www.eng.hawaii.edu/students/saso/>
 - Please contact the CoE Student Academic Services Office at engradv@hawaii.edu

Concurrent Enrollment at UH Community Colleges

Credits taken at UH Community Colleges (UHCC) will transfer to UH Mānoa (UH Mānoa). Courses need to be taken for a letter grade at the UHCC to count toward a student's engineering degree requirements. The following policies may apply if you are taking courses at UHCCs:

- Financial Aid's Concurrent Enrollment Policy
<https://manoa.hawaii.edu/fas/financial-aid-policies/enrollment/>
 - To allow your Mānoa financial aid to help cover all your courses, a student must take between 6-11 credits at UH Mānoa and additional credits at a UHCC **and** turn in the Financial Aid UH System Concurrent Enrollment Form.
<https://manoa.hawaii.edu/fas/forms/>
 - All courses taken at both Mānoa and UHCCs need to count toward a student's degree requirements.
 - Refer to the website for the form deadline.
- UH Mānoa Academic Merit and New Warrior Scholarships (Mānoa Academic Merit, Regents, Mānoa Excellence, Provost Achievement)
 - Criteria to receive these Mānoa Academic and New Warrior Scholarships are listed on the Financial Aid website: <https://manoa.hawaii.edu/fas/types-of-aid/scholarships/>
 - Students must be enrolled with at least 12 credits at UH Mānoa.
 - UH CC courses would need to be paid for out of pocket.
- Math classes at UHCC
 - If you have never taken a college level Math course before, the UHCCs have a different math placement exam that needs to be taken in order to register for a math class at the UHCCs.
 - Students need to take the Math Path 3: STEM/Calculus Placement.
 - Information about UHCC placement tests: <https://uhcc.edready.org/>
- Chemistry classes at UHCC
 - No placement exam is required if registering for a UHCC Chemistry course, however a math prerequisite is required. Contact UHCC course instructor if prerequisites are met but a registration error is encountered.

9. Financial Aid

Academic Advisors do NOT have access to your financial aid records. If you have questions about your aid, please contact the UH Mānoa Financial Aid Office directly.

- Website: <https://manoa.hawaii.edu/fas/>
- The UH Mānoa Financial Aid Office offers in-person services and virtual (Zoom) front desk hours.

Course Program of Study (CPOS)

Financial Aid will only recognize courses that are a part of your course program of study (CPOS) as eligible for aid. This means they will only pay for courses required for your degree(s).

- Once you reach full time status (12 credits of UH Mānoa courses that count towards your degree) any other UH Mānoa courses taken beyond 12 credits are free and will not affect financial aid.
- Email engradv@hawaii.edu for an Academic Advisor's assistance if:
 - Courses in STAR GPS show NOT IN PLAN without a green icon next to them
 - Financial Aid notifies you that your courses do not count towards your degree (CPOS)

Satisfactory Academic Progress Appeals/Approvals (SAP)

If you have this form from the UH Mānoa Financial Aid Office **please email engradv@hawaii.edu** for an Academic advisor approval. ***These forms require an Academic advisor signature so the Faculty advisors (professors) cannot sign these for you.***

UH System Concurrent Enrollment Form

Students may need to turn in the Financial Aid's UH System Concurrent Form if they will be enrolled at both UH Mānoa and the UH Community Colleges. **Use engradv@hawaii.edu for these forms.** See the [Concurrent Enrollment at UH Community College](#) section. ***These forms require an Academic advisor signature so Faculty advisors (professors) cannot sign these for you.***

10. Veterans Affairs (VA) Benefits

For the most up-to-date information on VA benefits and requirements contact the UH Mānoa VA Office directly.

- Website: <https://manoa.hawaii.edu/registrar/va-education-benefits/>
- Contact: 808-956-8010, uhmva@hawaii.edu

The VA will only pay for courses required for the student's degree(s).

- Information on starting Benefits and Course Certification can be found on the UH Mānoa VA office's website: <https://manoa.hawaii.edu/registrar/va-education-benefits/>
- Each semester 1-2 days after officially registering (waitlisted does not count) for your courses, fill out the VA enrollment request certification form.
<https://manoa.hawaii.edu/registrar/va-education-benefits/request-certification/>
- If the VA form requires approval/signature of an Academic Advisor, email the CoE Student Academic Services Office at engradv@hawaii.edu.

For Veteran students there is additional assistance available at the Office of Veterans Student Services (OVSS): <https://manoa.hawaii.edu/veterans/>

11. Graduation

In your senior year, please mark the semester that you intend to graduate on your mandatory advising sheet. All students intending to graduate need to file forms and complete the college's graduation check/audit procedure.

How do I file to graduate? When can I start filing to graduate? Is there a deadline to file to graduate?

- Start filing to graduate after you have started registration for final semester courses.
- The instructions and deadline to file to graduate is posted on the CoE Graduation webpage <https://www.eng.hawaii.edu/students/current-studegnts/graduation/>



Some of you may have issues that will need to be taken care of before registration ends (end of the first week of the semester). **Please start the filing process soon after you have registered for your final semester courses to help identify any issues with graduation.**

12. Tutoring at UH Mānoa

Academic Resource Center - offers services such as 1-on-1 tutoring appointments, supplemental instruction, Student Housing Success Center, and academic coaching (study skills, time management, etc). manoa.hawaii.edu/undergrad/Learning/

Learning Emporium - offers weekly tutoring for Math, Chemistry, Physics, and Information & Computer Science. Group tutoring sessions vary by semester. manoa.hawaii.edu/natsci/emporium/index.php

Online Learning Academy - offers services such as 1-on-1 tutoring appointments for Math, Chemistry, Physics, Biology, and Writing manoa.hawaii.edu/ola/

College of Engineering Honor Societies - offer tutoring for the 100-200 level engineering courses.
 CEE/CNST - Chi Epsilon (XE)
 EE/CENG - Eta Kappa Nu (HKN)
 ME - Pi Tau Sigma (PTS)
eng.hawaii.edu/students/clubs/

13. Engineering & Other Contact Information

Office	Location	Phone / Email	Website
College of Engineering Student Academic Services (SAS) office	Holmes 250	(808) 956-8404 engradv@hawaii.edu	eng.hawaii.edu/saso
Civil, Environmental, and Construction Engineering department	Holmes 383	(808) 956-7550 ceoffice@eng.hawaii.edu	cee.hawaii.edu
Electrical & Computer Engineering department	Holmes 483	(808) 956-7586 eeoffice@hawaii.edu	ece.hawaii.edu/home
Mechanical Engineering department	Holmes 302	(808) 956-7167 meoffice@hawaii.edu	me.hawaii.edu
Chemistry department	Bilger 239	(808) 956-7480 chemreg@hawaii.edu	manoa.hawaii.edu/chem
Math department	Keller 401A	(808) 956-4679 office@math.hawaii.edu	math.hawaii.edu/wordpress
Physics department	Watanabe 416	(808) 956-7087 physics@hawaii.edu	phys.hawaii.edu
Admissions office	QLCSS 001	(808) 956-8975 manoa.admissions@hawaii.edu	manoa.hawaii.edu/admissions
campusHELP	none	(808) 956-5000	manoa.hawaii.edu/crsc/landing
Cashier's office	QLCSS 105	(808) 956-7554 mancshr@hawaii.edu Include your home campus, name and student ID in the email subject.	manoa.hawaii.edu/cashiers
Counseling and Student Development	QLCSS 312	(808) 956-7927	manoa.hawaii.edu/counseling
Disability services (KOKUA Program)	QLCSS 013	(808) 956-7511 or (808) 956-7612 kokua@hawaii.edu	hawaii.edu/kokua
Financial Aid Services	QLCSS 112	finaid@hawaii.edu Virtual front desk (Zoom) also available on their website.	manoa.hawaii.edu/fas
Health Services	1710 East West Road	(808) 956-8965 uhsm@hawaii.edu	hawaii.edu/shs
Mānoa Career Center	QLC 212	(808) 956-7007 careers@hawaii.edu	manoa.hawaii.edu/careercenter

Engineering & Other Contact Information Cont'd

Office	Location	Phone / Email	Website
Registrar's office -Order transcripts and diploma -Verification of enrollment	QLCSS 010	(808) 956-8010 uhmreg@hawaii.edu , general uhmdipls@hawaii.edu , diplomas uhmtrans@hawaii.edu , transcripts	manoa.hawaii.edu/registrar
Student Housing	Frear Hall	(808) 956-8177 uhmsh@hawaii.edu	manoa.hawaii.edu/housing
Veteran Educational Benefits	QLCSS 010	(808) 956-8010 uhmva@hawaii.edu	manoa.hawaii.edu/registrar/va-education-benefits/
Veteran Student Services	QLCSS 310	(808) 956-2192 ovss@hawaii.edu	manoa.hawaii.edu/veterans