Mechanical Engineering
University of Hawaii at Manoa

Name: _____
ID #: _____

CURRICULUM CHECK SHEET

August 2023

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

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

LOWER DIVISION

FRESHMAN						SOPHOMORE					
Eng 100 (FW)	3		Math 242	4		CEE 270	3		CEE 271 or ME 271	3	
Math 241 (FQ)	4		Phys 170 (DP)	4		Math 243	3		Math 244	3	
Chem 161 (DP)	3		Phys 170L (DY)	1		Phys 272 (DP)	3		Econ 120, 130 or 131 (DS)	3	
Chem 161L (DY)	1		Chem 162 (DP)	3		Phys 272L (DY)	1		Math 302 or 307	3	
FG	3		EE 160	4		EE 211	4		COMG 251 (DA)	3	
						ME 213	3		FG	3	
H Focus (1)			E Focus (1)			O Focus (1)			W Focus (5)		

UPPER DIVISION

ME 311	4		ME 322	4		ME 422	4		ME 482	3	
ME 331	3		ME 341	4		ME 481	4		TE	3	
ME 360	3		ME 372	3		Phys 274	3		DH or DL	3	
ME 371 or CEE 370	3		ME 375	4		TE	3		DS	3	
ME 374	3					TE	3				

ELECTIVES

TE: Technical Electives (9 credits)

Three courses that can be selected from ME 400-level technical electives (3), one of which can be replaced with a non-ME course (3) (with approval from Dept. Chair) or Biol 171 without approval; and a second that can be replaced with an ME 600-level course (3) (3.00 GPA minimum and approval from Dept. Chair) or ME 499 (3) (w/approval from Dept Chair).

For those who take one of the accelerated Math or Chem pathways, the minimum graduation requirement will be 123 credits and for those who take both Accelerated Math & Chem pathways, the minimum graduation requirement will be 121 credits. For those who take both Accelerated Math & Chem pathways and take EE 110 instead of EE 160, the minimum graduation requirement will be 120 credits.

NOTES

1. Please refer to General Education Core Requirements in UH Manoa Catalog for Diversification (DH, DL, DS) and FG Foundation Courses.
2. Math 251A/252A/253A may be substituted for Math 241-244 above.
3. Chem 181/181L or Chem 171/171L may be substituted for Chem 161/161L and Chem 162 above.
4. Writing Intensive (W) required - 5 courses (minimum of 2 in upper division).
5. One course each required for Hawaiian, Asian & Pacific Issues (H), Oral Communication (O) and Contemporary Ethical Issues (E). Some of these may be met with ME 481 (E) and ME 482 (O).
6. Phys 305 or Math 407 may be substituted for ME 360.
7. EE 110 or ICS 111 may be substituted for EE 160.

APPROVAL FOR GRADUATION: Initial: Date: