| Engineering Science - Aerospace Engineering Concentration | Name: |
| University of Hawaii at Manoa | ID #: |

CURRICULUM CHECK SHEET
August 2019

The program of courses listed below satisfies the ABET accreditation criteria of 32 credits of mathematics and basic sciences, and 48 credits of engineering sciences and engineering design. 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	Math 243	3	Math 244	3
Math 241 (FQ)	4	Phys 170 (DP)	4	Phys 272 (DP)	3	Math 302	3
Chem 161 (DP)	3	Phys 170L (DY)	1	Phys 272L (DY)	1	Math 307 or Math 311	3
Chem 161L (DY)	1	Chem 162 (DP)	3	EE 211	4	CEE 271 or ME 271	3
FG	3	EE 160 or ICS 111	4	ME 213	3	Econ 120, 130 or 131	3
				CEE 270	3		
H Focus (1)		E Focus (1)		O Focus (1)		W Focus (5)	

UPPER DIVISION

ME 311	4	ME 322	4	ME 424	3	ME 482	3
ME 331	3	ME 360, Math 407 or Phys 305	3	ME 451	3	TE	3
ME 371	3	ME 419	4	ME 481	4	TE	3
ME 375	4	GG 460	4	TE	3	DH or DL	3
COMG 251	3			DS	3	FG	3

Technical Electives (TE):
- ME 374
- ME 422
- ME 404
- ME 418
- ME 471
- ME 473
- ME 492 Special Topics in ME: Orbital Mechanics
- ME 492 Special Topics in ME: Aerodynamics
- ME 651
- ME 696 Advance Topics in ME: Guidance, Navigation & Control

NOTES
1. Refer to General Education Core Requirements in UHM Catalog for Diversification (DH, DL, DS) and Foundation (FG) Courses.
2. Math 251A/252A/253A may substitute for Math 241-244.
3. Chem 181/181L or Chem 171/171L may substitute for Chem 161/161L and Chem 162/162L.
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).
6. A grade of 'C' or better is required in ME 311 prior to registration in ME 322.

| APPROVAL FOR GRADUATION: Initial: | Date: |