

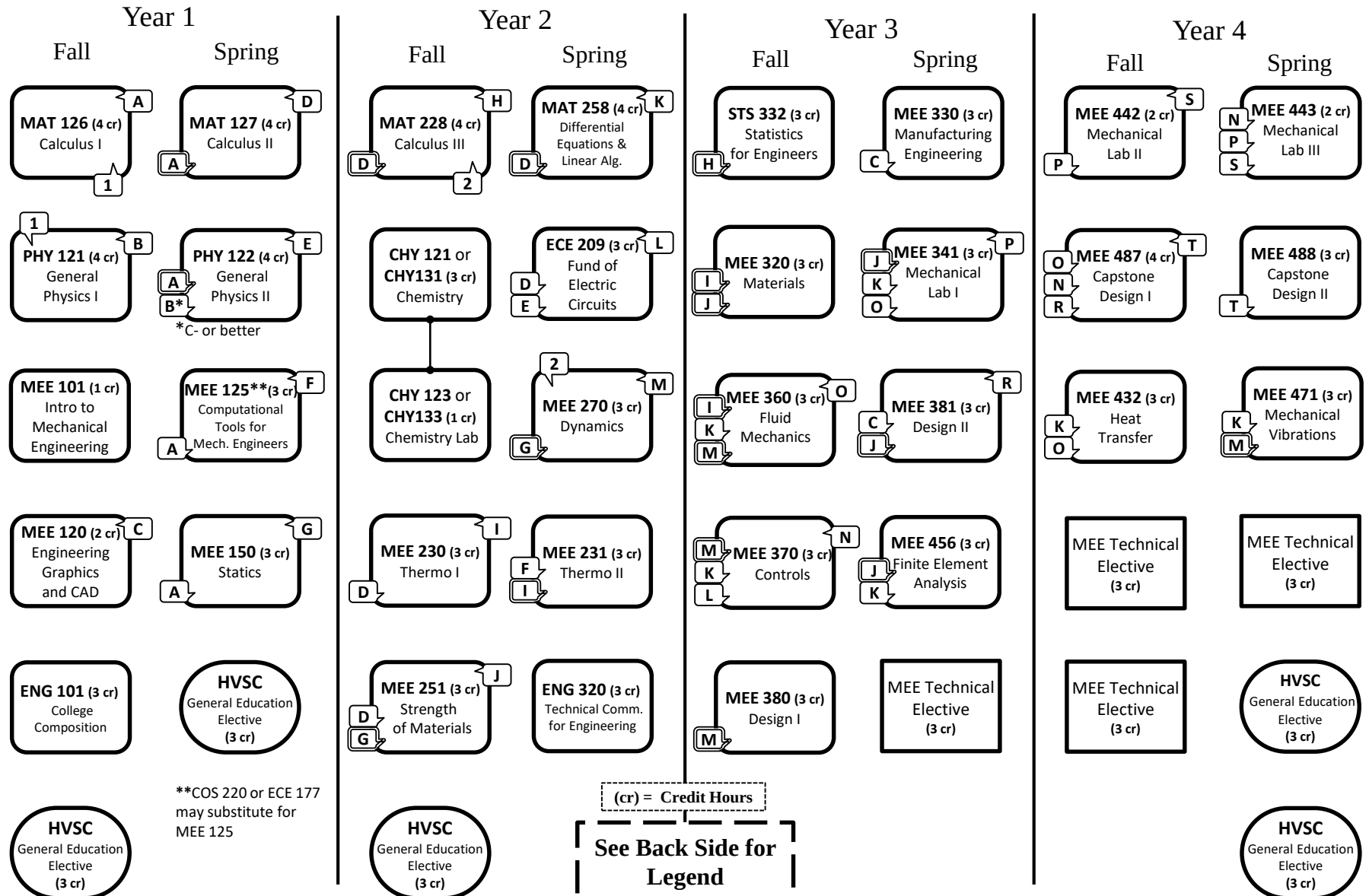
Mechanical Engineering Curriculum

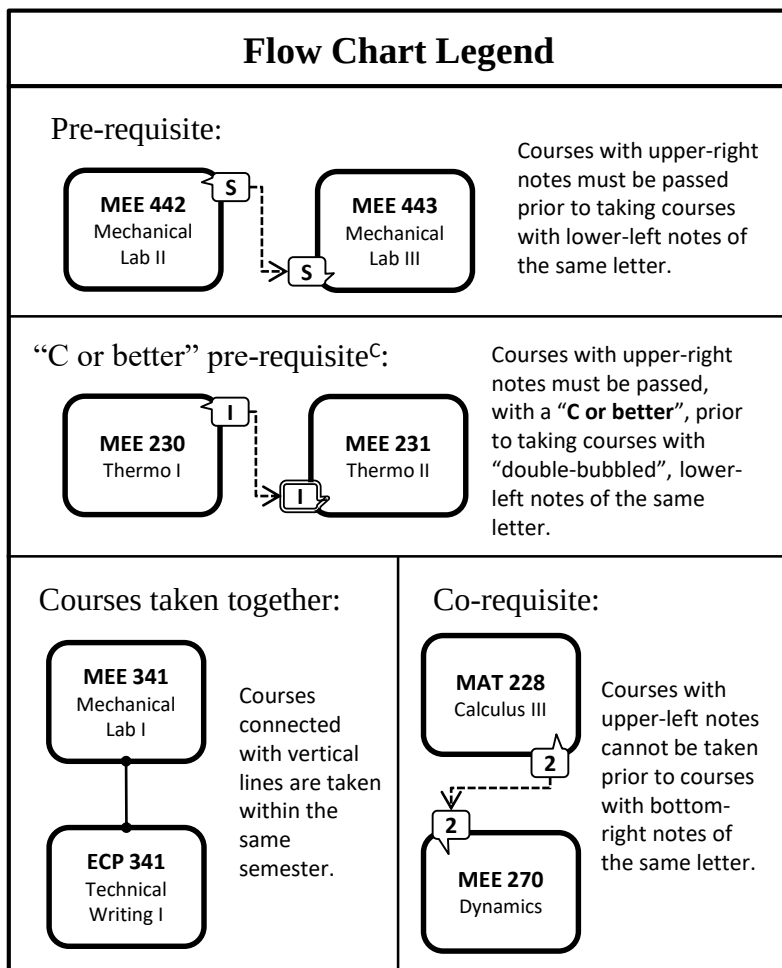
Flow Chart

(For students starting in Fall 2019)

Created: 2014NOV14

Modified: 2020JAN12





Notes:

- ^C “C or better” grade required to use as prerequisite.
- + Substitutional courses for non-MEE majors not listed.

MEE Technical Electives		
Course	Course Name	Pre-requisite(s)
MEE 433	Solar-Thermal Engineering	MEE 230 ^C
MEE 434	Thermo Design of Engines	MEE 231
MEE 444	Robot Dynamics and Control	MEE 270 ^C , MEE 380
MEE 448	Fixed Wing Aircraft Design	MEE 120, MEE 251 ^C , MEE 270 ^C , MEE 360
MEE 450	Intro to Mechanics of Composite Materials	MEE 251 ^C
MEE 452	Aircraft and Automobile Structures	MEE 251 ^C
MEE 453	Experimental Mechanics	MEE 251 ^C
MEE 455	Advanced Strength of Materials	MEE 251 ^C
MEE 459	Engineering Optimization	MAT 228, MAT 258
MEE 462	Fluid Mechanics II	MEE 360
MEE 463	Applied Computational Fluid Dynamics	MEE 360
MEE 475	Fuel Cell Science & Tech.	MEE 230 ^C , CHY 121 +
MEE 480	Wind Energy Engineering	MAT 258, MEE 251 ^C Co-req: MEE 360 +
MEE 483	Turbomachine Design	MEE 230 ^C , MEE 360
MEE 484	Power Plant Design & Eng.	MEE 230 ^C , MEE 231
MEE 486	Refrigeration & A/C Syst. Design	MEE 231
MEE 489	Offshore Floating System Dsgn.	MEE 360, MEE 380
MEE 490	Modern Control Theory and Applications	MEE 370