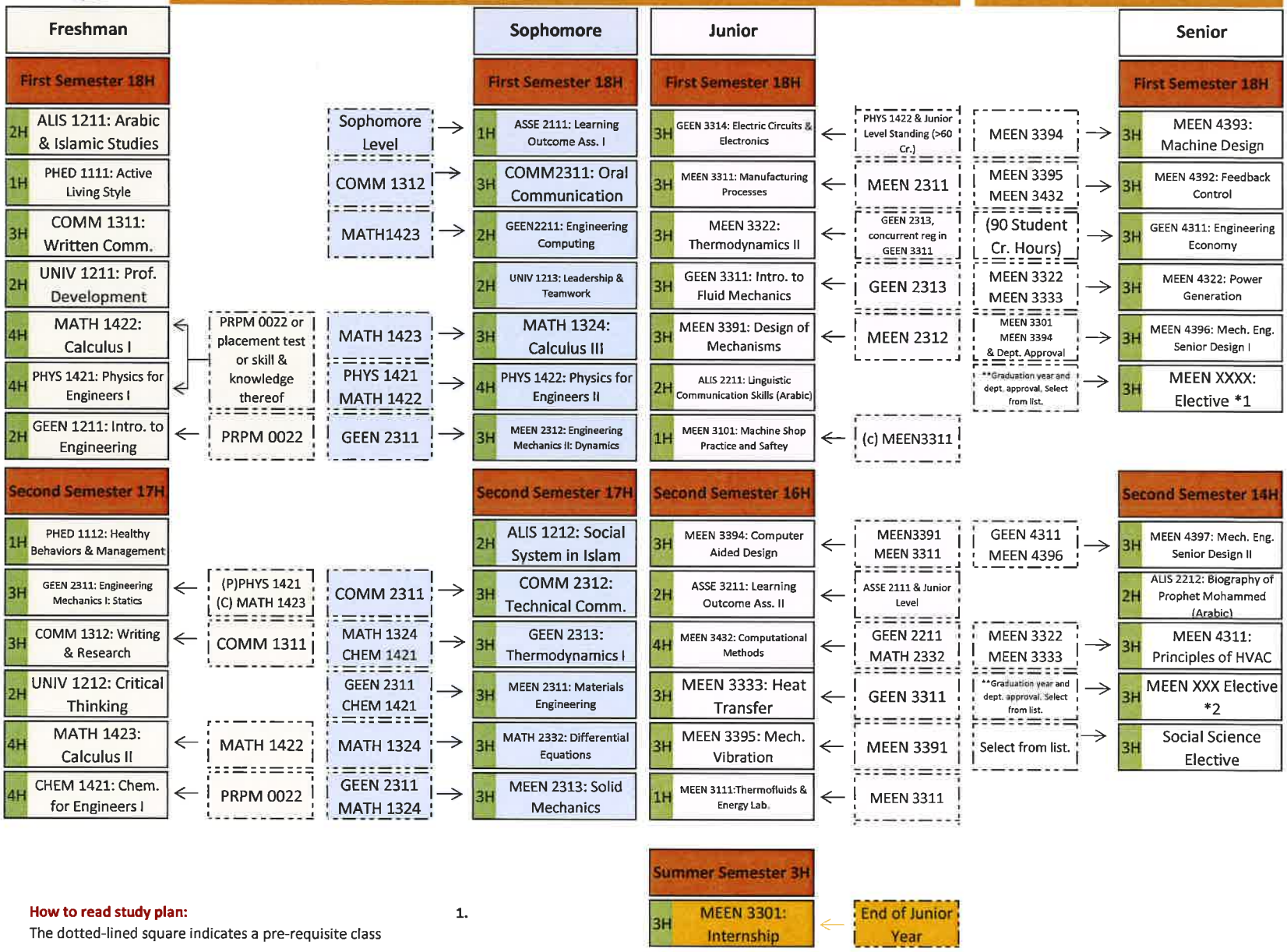
College Of Engineering
Mechanical Engineering New Study Plan

139 Total Credit Hours
updated as of October, 2019



How to read study plan:

The dotted-lined square indicates a pre-requisite class

1.

2. Social Science Electives. Select from the following courses: **GEGR 1311** World Regional Geography, **HIST 1311** World Civilizations; **PSYC 1311** Intro. to Psychology, **SUST 1311** Intro. to Sustainability, **FREN 1311** Intro. to French Language, **SPAN 1311** Intro. to Spanish Language, **ECON 1311** Intro. to Macroeconomics, **ECON 1312** Intro. to Microeconomics

3. *1 & *2 MEEN Electives. Select from the following courses: **MEEN 4312** Fluid Mechanics - Pre-req.: GEEN 3311 Intro to Fluid Mechanics/MEEN 3322 Thermodynamics II; **MEEN 4315** Principle of Building Energy Analysis - Pre-req.: MEEN 3322 Thermodynamics II /MEEN 3333 Heat Transfer; **MEEN 4331** Internal Combustion Engines - Pre-req.: MEEN 3322 Thermodynamics II / MEEN 3333 Heat Transfer; **MEEN 4332** Turbomachinery - Pre-req.: MEEN 3322 Thermodynamics II /MEEN 3333 Heat Transfer; **MEEN 4341** Corrosion Engineering - Pre-req.: MEEN 3322 Thermodynamics II / MEEN 333 Heat Transfer/MEEN 2311 Materials Eng; **MEEN 4344** Materials in Design - Pre-req.: MEEN 3311 Manufacturing Processes /MEEN 4393 Machine Design; **MEEN 4351** Intermediate Dynamics - Pre-req.: MEEN 3395 Mechanical Vibrations; **MEEN 4394** Advanced Control Systems - Pre-req.: MEEN 4392 Feedback Control

F.D. Rad
8/6/2021
Jamal Nayfeh

Revised: Fall 2019