







KEY

-  Required coursework for Minor
-  Elective coursework for Minor; select 6 credits
-  Pre-requisite for Minor
-  Required Prerequisite
-  Preceded or accompanied by; co-requisite
-  Number of course credits

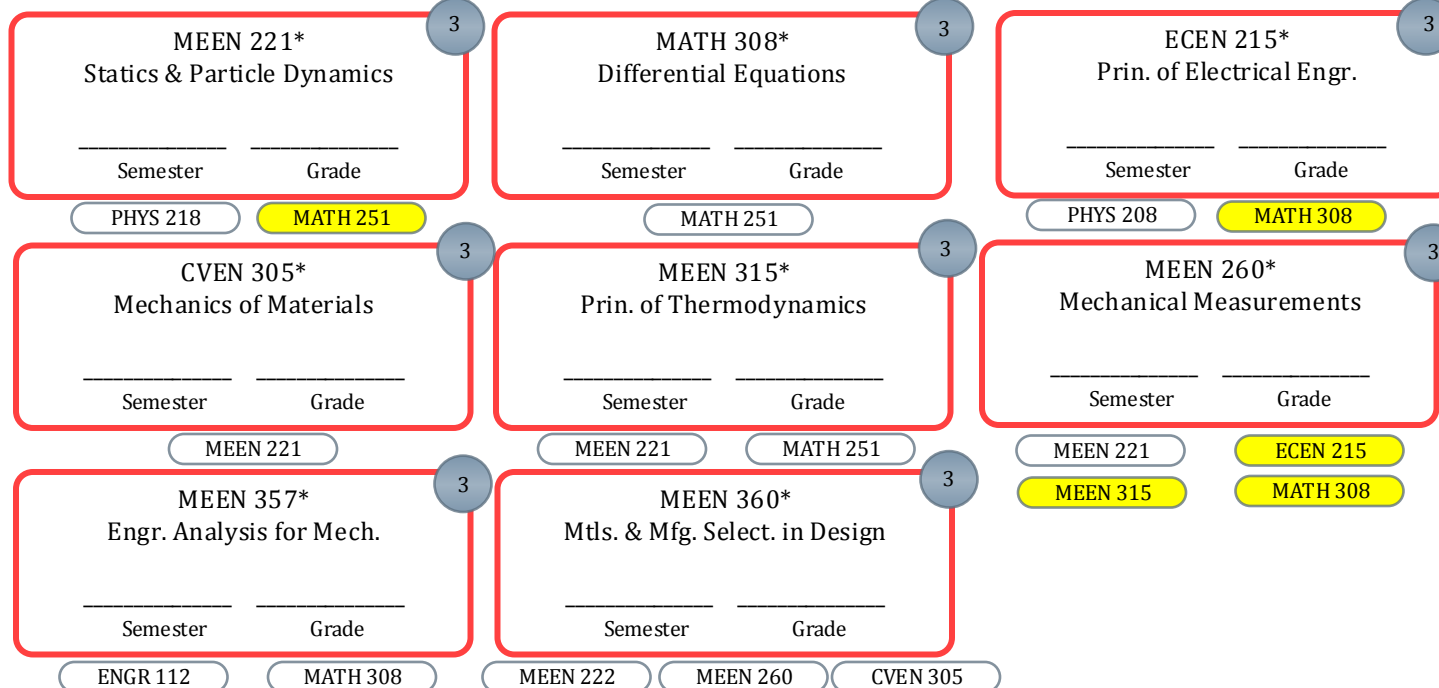
* Course requires grade of C or better

MINOR CREDIT HOURS: 15
meen.tamu.edu

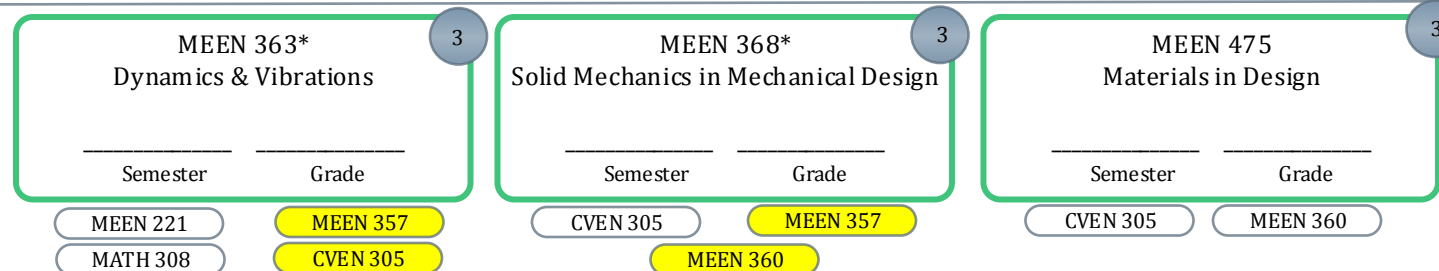
MEEN Minor-Design & Simulation of Mechanical Systems

-3.5 Minimum Overall GPA
-Minimum 6 hours at 300-400 level

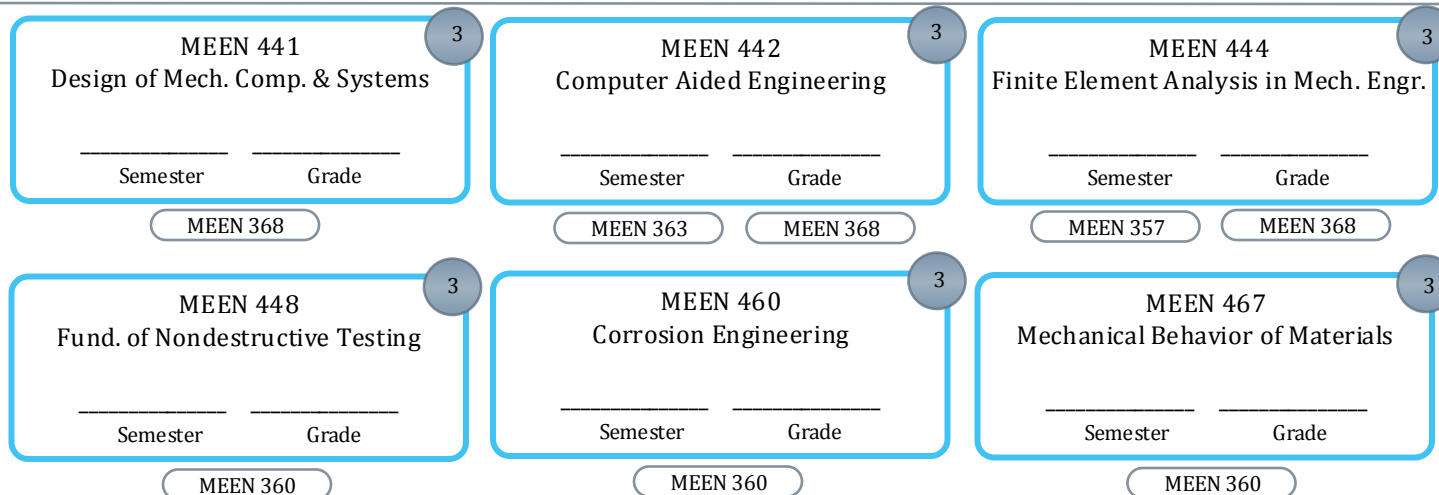
Prerequisites



Required



Electives: Select 6 credits



Minor Field of Study Application

Department/Program: Mechanical Engineering

College: Engineering

Minor Track: Design & Simulation of Mechanical Systems

Student's Name: _____ Major Department: _____

UIN: _____

Summary: A total of 15 credit hours listed as Minor Coursework will constitute a minor in Mechanical Engineering. A grade of "C" or better is required for any course to be used for the minor.

Entrance Requirements: A minimum GPA of 3.5; student must declare minor between their fourth (4th) and seventh (7th) semesters at TAMU.

Prerequisite Course Work: Pre-requisites of required and elective courses must be satisfied (**C or better**) even if not counting toward degree or minor.

Minor Coursework:

Required: 9 Credit Hours:

- **MEEN 363- Dynamics & Vibrations.** Pre-requisites: MEEN 221 & MATH 308; Co-requisites: MEEN 357 & CVEN 305
- **MEEN 368- Solid Mechanics in Mechanical Design.** Pre-requisite: CVEN 305; Co-requisites: MEEN 357 & MEEN 360
- **MEEN 475- Materials in Design.** Pre-requisites: MEEN 360 & CVEN 305

Elective: 6 Credit Hours: Students may select any two of the following. Students must meet pre-requisites and co-requisites for each of these courses before enrolling.

- **MEEN 441 – Design of Mechanical Components and Systems.** Prerequisite: MEEN 368 or approval of instructor.
- **MEEN 442 – Computer Aided Engineering.** Prerequisite: MEEN 363 and MEEN 368.
- **MEEN 444 – Finite Element Analysis in Mechanical Engineering.** Prerequisite: MEEN 357 and MEEN 368 or equivalents.
- **MEEN 448 – Fundamentals of Nondestructive Testing.** Prerequisite: MEEN 360.
- **MEEN 460 – Corrosion Engineering.** Prerequisite: MEEN 360 or equivalent.
- **MEEN 467 – Mechanical Behavior of Materials.** Prerequisite: MEEN 360.

I, hereby request approval to acquire a minor field of study from the department of Mechanical Engineering under the rules of the University and the Dwight Look College of Engineering.

Student's Signature: _____ Date: ____/____/____

Department of Mechanical Engineering Authorization; Undergraduate Advisor Signature;

Major Department Authorization

Date entered in Compass by Major Dept.

*Any/all course substitutions must be approved by the Department of Mechanical Engineering