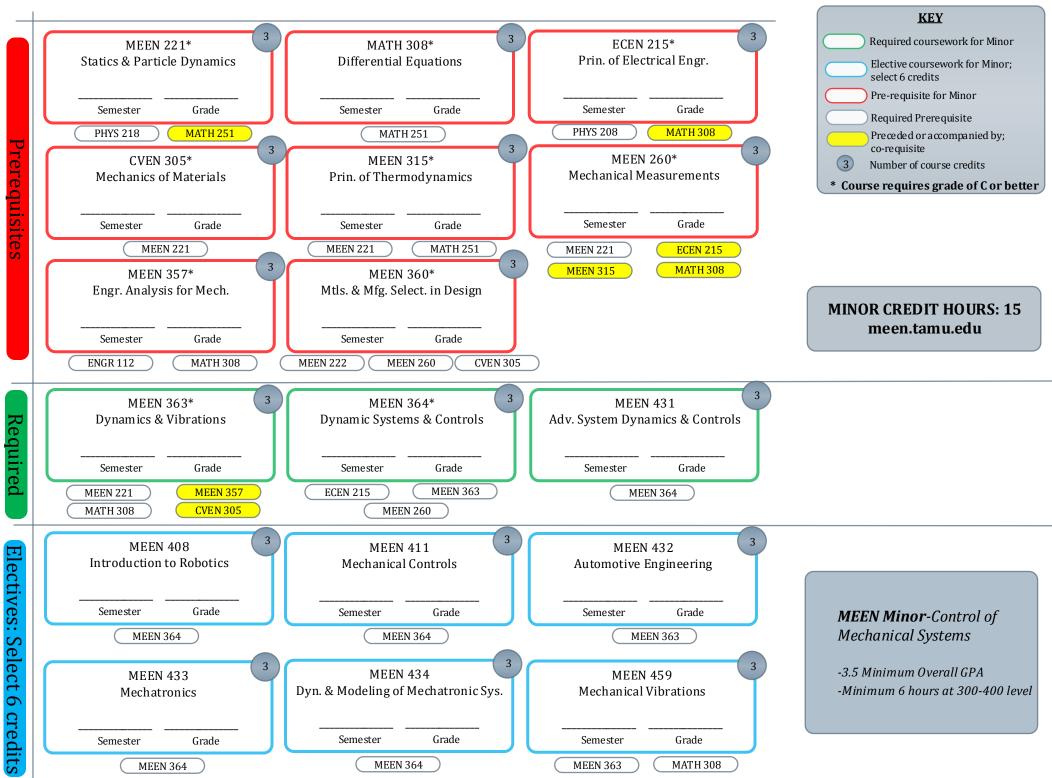
TEXAS A&M UNIVERSITY - MECHANICAL ENGINEERING

2016-2017 - Cat. #139





| Minor Field of Study Application | Minor | Field | of Study | Application |
|----------------------------------|-------|-------|----------|-------------|
|----------------------------------|-------|-------|----------|-------------|

| Department/Program: Mechanical Engineering Minor Track: Control of Mechanical Systems | College: Engineering |
|--|----------------------|
| 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.

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

<u>Prerequisite Course Work</u>: 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 364- Dynamic Systems & Controls. Pre-requisite: ECEN 215, MEEN 363, & MEEN 260
- MEEN 431- Advance System Dynamics & Controls. Pre-requisites: MEEN 364

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 408 Introduction to Robotics. Prerequisite: MEEN 364.
- MEEN 411 Mechanical Controls. Prerequisite: MEEN 364.
- MEEN 432 Automotive Engineering. Prerequisite: MEEN 363.
- MEEN 433 Mechatronics. Prerequisite: MEEN 364.
- MEEN 434 Dynamics & Modeling of Mechatronic Systems. Prerequisite: MEEN 364.
- MEEN 459 Mechanical Vibrations. Prerequisite: MEEN363; MATH 308.

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.

_____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 Department of Mechanical Engineering