

REQUIRED UNDERGRADUATE COURSES
COMMON COURSE SYLLABI

The following is a listing of all common course syllabi for required courses in the Mechanical Engineering curriculum. Each syllabus provides guidelines for course content, but may be subject to limited modification by the individual instructor.

1. EGN 1002 Fundamentals of Engineering
2. EGS 1111C Engineering Graphics
3. EML 2538 Computer Applications in ME I
4. STA 4032 Probability and Statistics for Engineers
5. EGM 4045 Electro-Mechanical Devices
6. EML 4534 Computer Applications in ME II
7. EGM 3510 Statics
8. EGM 3400 Dynamics
9. EGM 3524 Strength of Materials
10. EGM 3521 Engineering Materials I
11. EML 3100 Thermodynamics I
12. EML 3701 Fluid Mechanics
13. EML 4142 Heat Transfer
14. EML 4127 Applied Thermal/Fluid Engineering
15. EML 4380 Systems Dynamics
16. EML 3523C Experimental Methodology
17. EML 4730L Mechanical Engineering Laboratory
18. EML 4500 Machine Design I
19. EML 4262 Machine Design II
20. EML 4521C Engineering Design
21. EML 4551 Design Project