

FRESHMAN

Pre-Engineering Courses
 GPA 2.0 or better required

MAC 2311
 Calculus I
 _____(4)
 MAC1114 or MAC1147

EGN 1004L
 1st Year Eng. Lab
 _____(1)

Other courses might serve as acceptable alternatives to these common course prerequisites. The current list may be found at <https://dlss.flvc.org/admin-tools/common-prerequisites-manuals>

MAC 2312
 Calculus II
 _____(4)
 MAC 2311

PHY 2048
 Gen Physics I
 _____(4)
 MAC 2311
 MAC 2312 (se)

PHY 2048L
 Gen Physics I Lab
 _____(1)
 PHY 2048 (co)

MAC 2313
 Calculus III
 _____(5)
 MAC 2312

CHM 1045
 Gen Chemistry I
 _____(3)
 MAC 2311 (co)

CHM 1045L
 Gen Chem Lab I
 _____(1)
 CHM 1045 (co)

Course

Prerequisites

LIBERAL STUDIES

ENC 1101
 Fresh Com Skills I
 _____(3)

ENC 1102
 Fresh Com Skills II
 _____(3)

AMH 2091, AFA 2000 or AFA 3104
 _____(3)

Humanities CORE
 _____(3)

Soc Sci CORE AMH 2020 or POS2041
 _____(3)

LS Humanities
 _____(3)

Soc Sci/ His
 _____(3)

http://catalog.famu.edu/content.php?catoid=6&navoid=350#

SOPHOMORE

Fa Sp Su

Materials Fee assessed for EML 3002L, EML 3012C, EML 3018C, and EML 3811.

EML 3002L
 ME Tools Lab
 _____(3)
 MAC 2311
 PHY 2048
 EML 3002 (co)

EML 3002
 ME Tools
 _____(2)
 MAC 2311
 PHY 2048

EML 3004
 Intro to ME
 _____(3)
 MAC 2312
 PHY 2048

EML 3234
 Mat Sci & Eng
 _____(3)
 CHM 1045
 PHY 2048C
 EML 3004 (co)

MUST EARN 'C' OR BETTER TO PROCEED

COP 3014
 Programming I
 _____(3)
 MAC 1105
 Required for students entering Spring 2017

MAP 2302 or MAP 3305
 _____(3)
 MAC 2313

PHY 2049
 Gen Physics II
 _____(4)
 MAC 2311 (co)
 MAC 2312 (se)

PHY 2049L
 Gen Physics II Lab
 _____(1)
 PHY 2049 (co)

JUNIOR

EML 3013C
 Dynamic Sys I
 _____(4)
 MAP 2302/3305 (co)
 EML 3002L
 EML 3004

EML 3011C
 Mech & Mat I
 _____(4)
 CHM 1045
 EML 3002L
 EML 3004

EML 3014C
 Dynamic Sys II
 _____(3)
 EML 3013 C

EML 3017C
 Mech Systems I
 _____(4)
 MAP 2302/3305
 EML 3011C
 EML 3013C

EML 3015C
 Thermal Fluids I
 _____(4)
 MAC 2313
 EML 3002
 EML 3013C (co)

EML 3016C
 Thermal Fluids II
 _____(4)
 MAP 2302/3305
 EML 3015C

EML 4304L
 Experiments Thrm Fluid Science
 _____(3)
 EML 3012C
 EML 3015C
 EML 3016C (co)

EML 3018C
 Mech Systems II
 _____(4)
 EML 3012C (co)
 EML 3017C

EML 3811
 Mechatronics Lab
 _____(2)
 MAC 2312
 PHY 2049

EEL 3003
 Intro to EE
 _____(3)
 MAC 2312
 PHY 2049

5th Math
 _____(3)
 Check Prereq

5th MATH OPTIONS:
 EGN 3454 Numerical Methods for ME
 MAP 3306 (Eng. Math II)
 MAD 3401 (Intro. Numerical Analys.)
 MAP 4341 (Elem. Partial Diff. Equat. I)
 MAS 3105 (App. Linear Algebra I)
 *MAD 3703 (Numerical Analysis I)
 *STA 3032 (App. Stats for Eng & Sci)

SENIOR

Tech Elect I
 _____(3)
 Check Prereqs

Tech Elect II
 _____(3)
 Check Prereqs

EML 4551C
 Sr. Design I
 _____(3)
 EML 3012C
 EML 3016C
 EML 4550
 EML 3014C
 EML 3018C

Tech Elect III
 _____(3)
 Check Prereqs

Tech Elect IV
 _____(3)
 Check Prereqs

EML 4552C
 Sr. Design II
 _____(3)
 EML 4551C

EML 3012C
 Mech & Mat II
 _____(3)
 PHY 2049
 EML 3234 (co)
 EML 3011C (co)

EML 4550
 Eng Design Mthd
 _____(3)
 EML 3002L
 EML 3004

- Technical Elective Tracks:**
 (declare track area by Junior Fall)
- Dynamic Systems
 - Thermal Fluids
 - Mechanics and Materials
 - Magnet Science and Technology
 - Aeronautics Track

COURSE DESCRIPTION	Credit

ME course listing - <https://ww2.eng.famu.fsu.edu/me/courses/>
IF YOU DO NOT PASS ALL THE CLASSES YOU ARE NOW TAKING, YOU MUST SEE YOUR ADVISOR DURING THE FIRST FIVE DAYS OF THE NEW SEMESTER TO BE READVISED.

<https://ww2.eng.famu.fsu.edu/current/undergraduate/guide.html> updated 04/06/18

 Student initials I understand that any adjustment to the above schedule is my responsibility.

 Student initials I understand if the prerequisite and co-requisite requirements have **not been satisfied** with a 'C' grade or better I may be **administratively dropped** from the class any time during the term and remain fee liable.

 Student initials I have satisfied the 9 hour University Summer Requirement.

STUDENT _____

EMPL ID# _____

EMAIL _____

Signature _____

ADVISOR _____

Advisor Signature _____

Date _____

For Term/ Year _____