

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)

COP 3014
Programming I
_____(3)

MAC 1105

Required for students entering Spring 2017

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 EML3002L, EML3012C, EML3018C, and EML3811.

EML 3002L
ME Tools Lab
_____(3)

MAC 2311
 PHY 2048
 EML3002 (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

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)

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 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)

JUNIOR

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
 EML3002
 EML 3013C (co)

EML 3016C
Thermal Fluids II
_____(4)

MAP 2302/3305
 EML 3015C

EML 4304L
Exprmnts Thrm Fluid Science
_____(3)

EML 3012C
 EML 3015C
 EML 3016C (co)

EML 3018C
Mech Systems II
_____(4)

EML 3012C (co)
 EML 3017C

EML 3012C
Mech & Mat II
_____(3)

PHY 2049
 EML 3234 (co)
 EML 3011C (co)

EML 4550
Eng Design Mthd
_____(3)

EML 3002L
 EML 3004

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

- 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 _____

I have conversed with my FACULTY ADVISOR about my career path, my LinkedIn page, and related issues.

Student initials

Faculty initials