

Term Year Grade

FRESHMAN

Pre-Engineering Courses
GPA 2.0 or better required

MAC 2311
Calculus I (4)
 MAC1114 or MAC1147

MAC 2312
Calculus II (4)
 MAC 2311

PHY 2048C
Gen Physics I (5)
 MAC 2311
 MAC 2312 (se)

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://dls.fivc.org/admin-tools/common-prerequisites-manuals>

MAC 2313
Calculus III (5)
 MAC 2312

CHM 1045
Gen Chemistry I (3)
 MAC 1105

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

Course
Prerequisites

CC (Computer Competency), UDW (Upper Division Writing), SIP (Scholarship in Practice) and OCCR (Oral Communication Competency) are met by satisfaction, with a C grade or better, of Mechanical Engineering courses indicated.

Students who entered the University since Fall 2018 must meet Liberal Studies in the 21st Century requirements including:
 History Humanities Social Science
 X Y E-series W W ETHICS CIVICS

LIBERAL STUDIES

ENC 1101
English I (3)

ENC 2135
Research, Genre & Context (3)

His /Soc Sci CORE AMH 2020 or POS1041 (3)

Humanities CORE (3)

LS Humanities (3)

Non-Core Social Science or History (whichever is not represented in CORE) (3)

Liberal Studies (3)

SOPHOMORE

Fa Sp Su

Materials Fee assessed for EML3002L, EML3012C, EML3018C, and EML3811

EML 3002L
ME Tools Lab (CC) (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)

MAP 2302 or MAP 3305
(3)
 MAC 2312 (B- or better) or MAC 2313

PHY 2049C
Gen Physics II (5)
 MAC 2311 (co)
 MAC 2312 (se)

COP 3014
Programming I (3)
 MAC 1105

MUST EARN 'C' OR BETTER TO PROCEED

Sp Su Fa

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

EML 3011C
Mech & Mat I (4)
 CHM 1045 MAC 2313
 EML 3002L
 EML 3004

MAP 2302 or MAP 3305
(3)
 MAC 2312 (B- or better) or MAC 2313

PHY 2049C
Gen Physics II (5)
 MAC 2311 (co)
 MAC 2312 (se)

COP 3014
Programming I (3)
 MAC 1105

Required for students entering Spring 2017

JUNIOR

Fa & Sp

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)

Sp & Fa

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

EML 4304L
Exprmts Thrl 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)

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

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

SENIOR

Fa

Tech Elect I (3)
 Check Prereqs

Tech Elect II (3)
 Check Prereqs

EML 4551C
Sr. Design I (SIP, OCCR) (3)
 EML 3012C EML 3014C
 EML 3016C EML 3018C
 EML 4550

Sp

Tech Elect III (3)
 Check Prereqs

Tech Elect IV (3)
 Check Prereqs

EML 4552C
Sr. Design II (SIP, OCCR) (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

Term Year	Course #	credit
	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 _____

EMPLID# _____

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 _____