

**FRESHMAN**

Pre-Engineering Courses GPA 2.0 or better required

**MAC 2311**  
Calculus I  
(4)

MAC1114 or  MAC1147

**CHM 1045**  
Gen Chemistry I  
(3)

MAC 1105

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

CHM 1045(co)

**EGN 1004L**  
1<sup>st</sup> Year Eng. Lab  
(1)

**MAC 2312**  
Calculus II  
(4)

MAC 2311

**PHY 2048C**  
Gen Physics I  
(5)

MAC 2311(co)  
 MAC 2312(se)

Other courses might serve as acceptable alternatives to these common course prerequisites. The current list may be found at The current list may be found at <http://www.flvc.org> under Student Services, College Transfer Center: Common Prerequisite Manuals

**MAC 2313**  
Calculus III  
(5)

MAC 2312

**LIBERAL STUDIES**

**ENC 1101**  
English I  
(3)

**ENC 1102**  
English II  
(3)

History Elect.  
(3)

Hum. Elect I\*  
(3)

Soc Sci. Elect  
(3)

Hum. Elect II  
(3)

Hist or Soc Sci.  
(3)

Hist, Soc Sci or Hum  
(3)

\* X Y W W W W

**SOPHOMORE**

Fa & Sp

Materials Fee assessed for EML3002L

**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  
 EML 3004(se)

**MUST EARN 'C' OR BETTER TO PROCEED**

**MAP 3305**  
or **MAP 2302**  
(3)

MAC 2312 (B- or better) or  MAC 2313

**PHY 2049C**  
Gen Physics II  
(5)

MAC 2311(co)  
 MAC 2312(se)

**SOPHOMORE**

Sp & Su

**EML 3013C**  
Dynamic Sys I  
(4)

MAP 3305/2302(co)  
 EML 3002L  
 EML 3004

**EML 3011C**  
Mech & Mat I  
(4)

CHM 1045  MAC 2313  
 EML 3002L  
 EML 3004

**EML 3811**  
Mechatronics Lab  
(2)

MAC 2312  
 PHY 2049

Fa & Sp

**EEL 3003**  
Intro to EE  
(3)

MAC 2312  
 PHY 2049

5<sup>th</sup> Math (3)

Check Prereq

**5<sup>th</sup> MATH OPTIONS:**  
 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**

Fa

**EML 3014C**  
Dynamic Sys II  
(3)

EML 3013 C

**EML 3017C**  
Mech Systems I  
(4)

MAP 3305  
 EML 3011C  
 EML 3013C

**EML 3015C**  
Thermal Fluids I  
(4)

MAC 2313  
 EML3002  
 EML 3013C(co)

**EML 3012C**  
Mech & Mat II  
(3)

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

Fa & Sp

**EML 4550**  
Eng Design Mthd  
(3)

EML 3002L  
 EML 3004

Fa & Sp

**JUNIOR**

Sp

**EML 3016C**  
Thermal Fluids II  
(4)

MAP 3305  
 EML 3015C

**EML 4304L**  
Therm. Fluids Lab  
(3)

EML 3012C  
 EML 3015C

**EML 3018C**  
Mech Systems II  
(4)

EML 3012C(co)  
 EML 3017C

**SENIOR**

Fa

Tech Elect I  
(3)

Check Prereqs

Tech Elect II  
(3)

Check Prereqs

**EML 4551C**  
Sr. Design I  
(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  
(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 - <http://www.eng.fsu.edu/me/courses> <http://www.eng.fsu.edu/current/undergraduate/guide.html> updated 02/26/2014

**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.**

\_\_\_\_\_  
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 \_\_\_\_\_

ID# \_\_\_\_\_

EMAIL \_\_\_\_\_

Signature \_\_\_\_\_

ADVISOR \_\_\_\_\_

Advisor Signature \_\_\_\_\_

Date \_\_\_\_\_

For Term/ Year \_\_\_\_\_

\_\_\_\_\_  
Student initials I have conversed with my FACULTY ADVISOR about my career path and related issues. \_\_\_\_\_  
Faculty initials