

**FRESHMAN**

Pre-Engineering Courses GPA 2.0 or better required

**MAC 2311**  
Calculus I (4)  
 MAC1114 or  MAC1147

**MAC 2312**  
Calculus II (4)  
 MAC2311

**MAC 2313**  
Calculus III (5)  
 MAC2312

**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)

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

**LIBERAL STUDIES**

**ENC 1101**  
English I (3)

**ENC 1102**  
English II (3)

**AMH 2091 or AFA 3104**  
(3)

Hum. Elect I (3)

Soc. Sci. Elect (3)

Hum. Elect II (3)

Hist or Soc Sci. (3)

Hist, Soc Sci or Hum (3)

12 cr Gordon Rule W W W W

**SOPHOMORE**

**MAP 3305 or MAP 2302**  
(3)  
 MAC2313

**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 3305 (co)  
 EML 3002 L  
 EML 3004

**EML 3011C**  
Mech & Mat I (4)  
 CHM 1045  PHYS 2048  
 MAC 2313  EML 3002 L  
 EML 3004

**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**

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

**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**

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

**EML 3017C**  
Mech Systems I (4)  
 MAP 3305  
 EML 3011 C  
 EML 3013 C

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

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

**EML 4304L**  
Therm. Fluids Lab (3)  
 EML 3012 C  
 EML 3015 C

**EML 3018C**  
Mech Systems II (4)  
 EML 3012 C  
 EML 3017 C

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

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

**SENIOR**

Tech Elect I (3)  
 Check Prereqs.

Tech Elect II (3)  
 Check Prereqs.

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

Tech Elect III (3)  
 Check Prereqs.

Tech Elect IV (3)  
 Check Prereqs.

**EML 4552C**  
Sr. Design II (3)  
 EML 4552 C

- 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>

**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