

FRESHMAN	Pre-Engineering Courses GPA 2.0 or better required	MAC 2311 Calculus I (4) ☐ MAC 1114 & ☐ MAC 1140 or ☐ MAC 1147	CHM 1045 Gen Chemistry I (3) ☐ MAC 1105	CHM 1045L Gen Chem Lab I (1) ☐ CHM 1045(co)	EGN 1004L 1 st Year Eng. Lab (1)
	MAC 2312 Calculus II (4) ☐ MAC 2311	PHY 2048C Gen Physics A (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 http://www.facts.org under Advising Manuals , Common Prerequisite Manuals		
	MAC 2313 Calculus III (5) ☐ MAC 2312				
SOPHOMORE	Fa & Sp	MAP 3305 Eng. Math I (3) ☐ MAC 2312 with B- or better or ☐ MAC 2313	PHY 2049C Gen Physics B (5) ☐ PHY 2048 ☐ MAC 2312(co)	EML 3002C ME Tools (4) ☐ MAC 2311 ☐ PHY 2048	EML 3004C Intro to ME (4) ☐ MAC 2312 ☐ PHY 2048
	Sp & Su	EML 3013C Dynamic Sys I (4) ☐ MAP 3305(co) ☐ EML 3002C ☐ EML 3004C	EML 3011 C Mech & Mat I (4) ☐ CHM 1045 ☐ MAC 2313 ☐ EML 3004C	5th Math (3-4) ☐ Check Prereq	5th MATH OPTIONS: MAP 3306 (Eng. Math II) MAD 3401 (Numerical Analysis) MAD 3703 (Numerical Analysis I) MAP 4341 (Partial Diff. Equations) MAS 3105 (Linear Algebra) STA 3032 (App. Stats for Eng & Sci)
JUNIOR	Fa	EML 3015C Thermal Fluids I (4) ☐ MAC 2313 ☐ EML 3013C	EML 3017C Mech Systems I (4) ☐ MAP 3305 ☐ EML 3011C ☐ EML 3013C	EML 3012C Mech & Mat II (3) ☐ PHY 2049 ☐ EML 3234(co) ☐ EML 3011C	EML 3014C Dynamic Sys II (3) ☐ EML 3013C
	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 ☐ EML 3017C	EML 4550 Eng Design Mth (3) ☐ EML 3002C ☐ EML 3004C
SENIOR	Fa	Tech Elect I (3) ☐ Check Prereqs.	Tech Elect II (3) ☐ Check Prereqs.	EML 4551C Sr. Design I (3) ☐ EML 3012C ☐ EML 3016C	EEL 3003 Intro to EE (3) ☐ MAC 2312 ☐ PHY 2049
	Sp	Tech Elect III (3) ☐ Check Prereqs.	Tech Elect IV (3) ☐ Check Prereqs.	EML 4552C Sr. Design II (3) ☐ EML 4552C	

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)	Lib. Stud Elect (3)
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COURSE DESCRIPTION	CREDIT

Technical Elective Tracks:
(declare track area by Junior Fall)

- Dynamic Systems ☐
- Thermal Fluids ☐
- Mechanics and Materials ☐
- Magnet Science and Technology ☐

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

Check all that apply and sign:

- ☐ I understand that any adjustment to the above schedule is my responsibility.
☐ I have met all the prerequisite and corequisite requirements with a C or better.
☐ I have satisfied the CLAST requirement.

STUDENT _____

SS# _____

EMAIL _____

Signature _____

ADVISOR _____

Signature _____

Date _____

Semester _____

_____ I have conversed with my FACULTY ADVISOR about my career path and related issues.

Faculty initials