

FRESHMAN	Pre-Engineering Courses GPA 2.0 or better required MAC 2311 Calculus I (4) ☐ MAC 1114 & ☐ MAC 1140 or ☐ MAC 1147 MAC 2312 Calculus II (4) ☐ MAC 2311 PHY 2048C Gen Physics A (5) ☐ MAC 2311 (co) ☐ MAC 2312 (se) 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) 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 http://www.facts.org under Advising Manuals, Common Prerequisite Manuals				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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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 EML 3234 Mat Sci & Eng (3) ☐ CHM 1045 ☐ EML3004C (se)				COURSE DESCRIPTION	CREDIT	
	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 EML 3XXX Mechatronics Lab (2) ☐ MAC 2312 ☐ PHY 2049				COURSE DESCRIPTION	CREDIT	
	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 ☐ EML 3014C ☐ EML 3018C EEL 3003 Intro to EE (3) ☐ MAC 2312 ☐ PHY 2049 EML 4550 Eng Design Mth (3) ☐ EML 4551C (co) FALL 2008 Seniors only EML 4304L Therm. Fluids Lab (3) ☐ EML 3012C ☐ EML 3015C FALL 2008 Seniors only				COURSE DESCRIPTION	CREDIT	
	Sp ☐ Tech Elect III (3) ☐ Check Prereqs. ☐ Tech Elect IV (3) ☐ Check Prereqs. EML 4552C Sr. Design II (3) ☐ EML 4552C EEL 3003L Intro to EE Lab (1) ☐ MAC 2312 ☐ PHY 2049 For Seniors who have not taken Mechatronics Lab						

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