

FRESHMAN	Pre-Engineering Courses GPA 2.0 or better required	MAC 2311 Calculus I (4) ☐ MAC 1114 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 2048 Gen Physics I (4) ☐ MAC 2311(co) ☐ MAC 2312(se)	PHY 2048L Gen Physics I Lab (1) ☐ PHY 2048(co)	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 3313 Calculus III (5) ☐ MAC 2312						
SOPHOMORE	Fa & Sp	MAP 3305 Eng. Math I (3) ☐ MAC 2312	PHY 2049 Gen Physics II (4) ☐ MAC 2311(co) ☐ MAC 2312(se)	PHY 2049L Gen Physics II Lab (1) ☐ PHY 2049(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)
	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) MAP 3341 (Partial Diff. Equations) MAS 3105 (Linear Algebra) STA 3034 (Mathematical Statistics) *MAD 3703 (Numerical Analysis I) *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	
	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		
	Sp	Tech Elect III (3) ☐ Check Prereqs.	Tech Elect IV (3) ☐ Check Prereqs.	EML 4552C Sr. Design II (3) ☐ EML 4552C			

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)	Lib. Stud Elect (3)
12 cr Gordon Rule W W W W	

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