## General Education Program

### A. Communication Foundations - 9 CrHs
- A1. ENC 1101
- A2. ENC 1102
- A3. Select 1: SPC 1608, SPC 1603, COM 1000

### B. Historical & Cultural - 9 CrHs
- B3. Select 1 Additional Course from B1 or B2

### C. Mathematical Foundations - 7 CrHs
- C1. MAC 2311C Calc I w/ Analytic Geometry
- C2. STA 3032 Probability & Statistics for Engineers

### D. Social Foundation - 6 CrHs
- D1. Select 1: AMH 2020, ECO 2013, ECO 2023, POS 2041

### E. Science Foundation - 7 CrHs
- E1. PHY 2048C General Physics I using Calculus
- E2. Select 1: ANT 2511, BSC 1005, BSC 1050, BSC 2010C, GEO 1200, GLY 1030, MCB 1310

### Engineering Core
- MAC 2311C Calculus I w/ Analytic Geometry
- MAC 2312 Calculus II w/ Analytic Geometry
- MAC 2313 Calculus III w/ Analytic Geometry
- MAP 2302 Differential Equations
- CHS 1440 Principles of Chemistry
- PHY 2048C General Physics I using Calculus
- PHY 2048C General Physics II using Calculus

### Technical Electives
- Approved Technical Electives (6 courses)
- Cumulative GPA and Total Credit Hours

### Notes:
- A Grade of "C" (2.0) or better is required in these courses - CHS 1440, PHY 2048C, MAC 2311C, MAC 2312, MAC 2313, MAP 2302, EGN 3310, EGN 3321, and EGN 334:
- "GEP" Indicates a "C"- minimum required by the Gordon Rule
- GEP = General Education Program (These courses may also satisfy Engineering credits)
- Students will need to complete at least one diamond (♦) course per General Education section. If you have any questions regarding the General Education program, please speak with the FYAE Office in HPH 116

The minimum GPA for a Mechanical or Aerospace Engineering Major = 2.25