1. Students with less than a 'B' in ENGL 1113 or 1313 must take ENGL 1213 or 1413 and may not substitute ENGL 3323 for 1213. (Academic Regulation 3.5)

2. At least 6 hours designated (H) and at least 6 hours designated (S). Of these, 1 hr. must meet the International Dimension "I" and 1 hr. must meet the Diversity requirement "D".

3. Select one course from CHEM 1215, 1314.

4. A minimum average GPA of 2.00 is required in all courses with an engineering or engineering technology prefix.

5. NOTE: This flow chart is for planning purposes only. Students will be held responsible for degree requirements in effect at the time of matriculation (date at first enrollment) & any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. (Academic Regulation 3.2)
**PREREQUISITES**

- **MATH 2123, PHYS 1114**
  - GENT 3433 Thermodynamics
    - Grade: Sem
    - Fall & Spring
  - MET 3003 Dynamics
    - Semester: Fall & Spring
  - MET 3313 Applied Fluid Mechanics
    - Grade: Sem
    - Fall & Spring
  - MET 3343 Physical Metallurgy
    - Semester: Spring
  - GENT 3323 Strength of Materials
    - Semester: Fall & Spring
  - GENT 3433 Heat Transfer
    - Grade: Sem
    - Fall & Spring
  - MET 4463 Thermal Fluids Lab
    - Grade: Sem
    - Fall & Spring
  - MET 4123 Senior Design Project
    - Grade: Sem
    - Fall & Spring

- **MET 1223**
- **MET 2103**
- **MET 3003 Dynamics**
  - Semester: Fall & Spring
  - EET 3104 Elem Elect & Electronics
    - Offered Online Only
    - Fall & Spring
  - MET 4003 Machine Design 1
    - Grade: Sem
    - Fall
  - MET 4463 Thermal Fluids Lab
    - Grade: Sem
    - Fall & Spring
  - MET 4123 Senior Design Project
    - Grade: Sem
    - Fall & Spring

- **ENGL 3323 Technical Writing**
  - Grade: Sem
  - Fall & Spring

- **SPCH 2713 Into Speech Comm**
  - Grade: Sem
  - Fall & Spring

- **MET _ _ _ 3 Related Specialty**
  - Grade: Sem
  - Fall & Spring

- **IEM 3513 Economic Decision Analysis**
  - Grade: Sem
  - Spring & Sum

- **MET _ _ _ 3 Related Specialty**
  - Grade: Sem
  - Fall & Spring

- **GENT 3323 Strength of Materials**
  - Semester: Fall & Spring

- **“S” Elective Social Science _ _ _ 3**
  - Grade: Sem
  - Fall & Spring

- **“H” Elective Humanities _ _ _ 3**
  - Grade: Sem
  - Fall & Spring

- **CONT ELECTIVE Upper Division _ _ _ 3**
  - Grade: Sem
  - Fall & Spring

- **MET _ _ _ 3 Related Specialty**
  - Grade: Sem
  - Fall & Spring

- **PET 3104Elem Elect & Electronics**
  - Offered Online Only
  - Fall & Spring

- **MET _ _ _ 3 Related Specialty**
  - Grade: Sem
  - Fall & Spring

- **MATH 2123, GENT 2323, PHYS 1114**

- **PHYS 1214**

- **PHYS 1214**

**Other Requirements**

- A minimum of 40 hours must be upper division.

- Communications 6hrs: ENGL 3323, SPCH 2713 or 3703 or 3723.

- **MET Related Specialty 9 hrs:**
  - MET 3413 or 3423 F/C, MET 3573 F/L, MET 4023 S/Y, MET 4033 F/Y, MET 4113 Su/A, MET 4203 S/B, MET 4303 S/L, MET 4313 S/C, MET 4503 Su/B

- **Legend:** Fall = F, Spring = S, Summer = Sum; Alexander = A, Belanus = B, Chang = C, Yang = Y, Lewis = L.

- **Common Upper Division Controlled Electives 3hrs:** MGMT 3013, MGMT 313, LSB 3213, MKTG 3213, ENGR TECH, MATH, CHEM, PHYSICS, STATISTICS, or (See Above) for additional MET Related Specialty.

- For further information, contact the MET Program Director, Faculty or Director of Engineering Technology.

- A flexible study plan is designed to meet each student’s individual goals.