Please regularly check the Program Website to keep informed of any prerequisite or program changes to the Industrial Engineering major.
Alternative Math Placements: Term 1-4 Flowcharts

The below alternative flowcharts are for students who do not place directly into MAT 265: Calculus I. The alternative flowcharts show students who place into MAT 117: College Algebra or MAT 170/171: Pre-Calculus the sequence of courses they will take in Terms 1-4 to remain “on-track” for graduation. After completing Term 1-4 coursework on the Alternative Flowchart, students will transition to Terms 5-8 on the principle major flowchart. This includes all prerequisites for Term 5-8 courses as noted on the principle major flowchart.

**MAT 117: College Algebra**

**Term 1 (Fall)**
- ASU 101-IEE 1 Hour
- ENG 101 3 Hours
- "SB" and "G" 1 Hour
- "H" and "C" 2 Hours

**Term 2 (Spring)**
- FSE 100 2 Hours
- ENG 102 3 Hours
- CHM 114 or 116 4 Hours

**Summer**
- MAT 256 3 Hours
- "SB" and "G" 3 Hours

**Term 3 (Fall)**
- IEE 210 3 Hours
- "SB" and "G" 1 Hour
- "H" and "C" 2 Hours

**Term 4 (Spring)**
- PHY 111 4 Hours
- "SB" and "G" 3 Hours
- "H" and "C" 2 Hours

**MAT 171: Pre-Calculus**

**Term 1 (Fall)**
- ASU 101-IEE 1 Hour
- FSE 100 2 Hours
- CHM 114 or 116 4 Hours

**Term 2 (Spring)**
- ENG 101 3 Hours
- ENG 102 3 Hours
- "SB" and "G" 3 Hours

**Summer**
- MSE 250 3 Hours
- "SB" and "G" 1 Hour
- "H" and "C" 2 Hours

**Term 3 (Fall)**
- IEE 305 3 Hours
- "SB" and "G" 1 Hour
- "H" and "C" 2 Hours

**Term 4 (Spring)**
- MSE 250 3 Hours
- "SB" and "G" 1 Hour
- "H" and "C" 2 Hours

16 Hours 16 Hours 15-16 Hours 16 Hours
6 Hours

16 Hours 16 Hours 3 Hours 16 Hours