Software Engineering Pre-Requisites

**Math Placement >=4**
- MAT225 – Discrete Math
  - MAT313 – Statistics I
    - SWE310 Software Metrics/Process Management
    - CMPE220 – Computer Organization
      - CMPE320 – Operating Systems
        - CSC431 Computer Networks
  - MAT318 – Elementary Linear Algebra
    - SWE200 Design Patterns
      - SWE300 Crafting Quality Code
        - SWE400 Large Scale Architectures
          - SWE420 Extreme Programming

**Math Placement >=6**
- MAT211 – Calculus I
  - MAT318 – Elementary Linear Algebra
    - CSC110/107 – Computer Science I
      - CSC111 – Computer Science II
        - CSC371 Database Management
        - CSC310 Design & Analysis of Algorithms
  - CSC111 – Computer Science II
    - CSC310 Design & Analysis of Algorithms

Requirements:
- C or Better
- Pre-Requisite
- Co-Requisite
- Extra Requirement