College of Science & Mathematics Student Success Center
Computer Engineering/ Electrical Engineering Major Course Recommendations (Non-FSC)

- These recommendations will help you build your WISER course schedule "shopping cart" based the sample schedules below.
- Your math placement result will determine which sample schedule to select.
- On WISER, put the subject abbreviation (ex. ENGL) on the subject line, and the provided number (ex. 101) in the course number line.

If you are placed into MATH115, take...
- **MATH115**- College Algebra; 3 Credits
- **ENGIN104** - Introduction to Electrical and Computer Engineering; 3 Credits
- **ENGL101** - Composition I; 3 Credits
- **First-Year Seminar -** 4 Credits
- **General Education Distribution -** 3 Credits

If you are placed into MATH130, take...
- **MATH130** - Pre-Calc; 3 Credits
- **ENGIN104** - Introduction to Electrical and Computer Engineering
- **ENGL101** - Composition I; 3 Credits
- **First-Year Seminar -** 4 Credits
- **General Education Distribution -** 3 Credits

Computer Engineering: If you placed into MATH140
- **MATH140** - Calculus I; 4 Credits
- **ENGIN104 -** Introduction to Electrical and Computer Engineering; 3 Credits
- **CS110** - Introduction to Computing; 4 Credits
- **ENGL101** - Composition I; 3Credits

Electrical Engineering: If you placed into MATH140
- **MATH140** - Calculus I; 4 Credits
- **ENGIN104 -** Introduction to Electrical and Computer Engineering; 3 Credits
- **ENGL101** - Composition I; 3Credits
- **First-Year Seminar -** 4 Credits

Important Considerations:
- Computer Engineering majors should carefully review the attached Tech-Science Decision Guide to assess if this major aligns with your interests, skills, and career aspirations.
- You may retake the ALEKS if you have not used all three attempts to try and place into a higher math level.
- Enrollment into CS 110 requires placement into Math 140. (ALEKS: 74, SAT: 640, ACT: 27)
- If you have earned AP credit or have dual enrollment credit being transferred, speak to an advisor.
- Students should **NOT** register for CS 105.
- Some classes in the EE and CE majors have grade requirements that must be met in order to move on to the next level of a class.
  - Math 115: Earn a B or better to move on to Math 130
  - Math 130: Earn a B or better to move on to Math 140
  - All other major courses require a grade of a C- or better to count towards the major