Computer Engineering FlowChart 2024-25 (127 Credits)

Semester 1
- **Math 1650** Calc I 4cr **C-or better**
- **Engr 1010** Orientation R cr
- **CprE 1850** CprE Prob Solv 3cr
- **Chem 1670** Engr Chem 4cr
- **Lib 1600** Lib Instruction 1cr
- **Engl 1500** Crit Think & Com 3cr **C or better**

Semester 2
- **Math 1660** Calc II 4cr **C-or better**
- **Phys 2310 & 2310L** Classical Phys I 5cr
- **CprE 1660** Professional Prog R cr
- **Com S 2270** Intro Program 4cr **C-or better**
- **Gen Ed Elective** 3cr

Semester 3
- **Math 2670** Diff Eq/Lap 4cr
- **EE 2010** Elect Circuits 4cr
- *Soph Class* **CprE 2810** Digital Logic 4cr
- **Com S 2280** Data Structures 3cr **C-or better**

Semester 4
- **Math 2070** Linear Algebra 3cr
- **EE 2300** Circuits & Systems 4cr
- **CprE 2880** Embedded Systems 4cr
- **Com S 3090** Software Dev 3cr
- **Engl 2500** WOVE Comp 3cr **C or better**

Semester 5
- **Gen Ed Elective** 3cr
- **Tech Elective** 3cr
- **CprE 3810** Cpr Org & Design 4cr
- **CprE 2320** Prof & Ethics 3cr
- **CprE 3100** Foundtn CprE 3cr

Semester 6
- **Gen Ed Elective** 3cr
- **Comp Think Elective** 3cr
- **CprE 3080** Operating Sys 4cr
- **Com S 3110** Algor Analys 3cr
- *Junior Class* **Engl 3140** Technical Com 3cr **C or better**

Semester 7
- **Gen Ed Elective** 3cr
- **Stat 3300** Stat for ComS 3cr
- *29 Core Cr* **CprE 4910** Senior Design I 3cr
- **CprE Elective** 3cr
- **CprE Elective** 3cr
- **CprE 4940** Portfolio R cr

Semester 8
- **Gen Ed Elective** 3cr
- **Comp Think Elective** 3cr
- **CprE 4920** Senior Design II 2cr
- **Tech Elective** 3cr
- **CprE Elective** 3cr
- **CprE Elective** 3cr

LEGEND

- ······· Co-Req
- → Pre-Req

1. This flowchart is only a guide. For more detailed information, including pre-requisites and co-requisites, see the ISU Catalog.

2. Check with Student Services For information on electives.

3. Course term offerings subject to change.

4. Lab and lecture must be passed in the same semester to receive credit for CprE/CybE/EE Courses.