COMPUTER ENGINEERING FLOWCHART, 2015-2016 CATALOG (127 credits)

SEMESTER

1

MATH 165
Calc 1
4 cr

ENGR 101
Orientation
R cr

CPR E 185
CprE Prob Solv
3 cr

CHEM 167
Engr Chem
4 cr

LIB 160
Lib Instruction
1 cr

ENGL 150
Crt Thinking & Communication
13 cr

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 and term offerings subject to change.

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

LEGEND
Co-Requisite course
Pre-Requisite course

C- or better

CPR E 166
Prof Program R cr

COM S 227
Intro Prgrmmg
4 cr

GEN ED Elective
3 cr

Soph Class

CPR E 266
Digital Logic
4 cr

COM S 228
Data Struct
3 cr

C- or better

CPR E 288
Embed Sys
4 cr

ENGL 250
WOVE Composition
3 cr

C- or better

MATH 265
Calc 3
4 cr

PHYS 221
Class Phys 1
5 cr

CPR E 281

COM S 229

MATH 267
Diff Eq/Lap
4 cr

E E 201
Elect Circuits
4 cr

CPR E 288
Embed Sys
4 cr

ENGL 314
Tech Comm
3 cr

C- or better

GEN ED Elective
3 cr

E E 230
Circuits & Sys
4 cr

CPR E 381
Cpr Org&Desn
4 cr

CPR E 394
Program Exploration
R cr

Junior Class

COM S 309
Software Dev
3 cr

C- or better

COM S 311
Algor Analys
3 cr

Gen Elective

ENGR 101
Orientation
R cr

MATH 267
Calc 3
4 cr

PHYS 222
Class Phys 2
5 cr

CPR E 281

COM S 228

MATH 267
Diff Eq/Lap
4 cr

E E 201
Elect Circuits
4 cr

CPR E 288
Embed Sys
4 cr

ENGL 250
WOVE Composition
3 cr

C- or better

GEN ED Elective
3 cr

E E Elective
3 cr

CPR E 308
Oper Sys
4 cr

CPR E 310
Foundtn CprE
3 cr

CPR E 491
Sr Design 1
3 cr

CPR E 494
Portfolio
R cr

Stat 330
3 cr

CPR E 288
Embed Sys
4 cr

CPR E 288
Embed Sys
4 cr

ENGL 150
Crt Thinking & Communication
13 cr

C- or better

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Calc 1
4 cr

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Orientation
R cr

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CprE Prob Solv
3 cr

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4 cr

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ENGL 150
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