“Critical” prerequisite flows – CSE

Prerequisite

Corequisite

Intro Eng Cptrs
(both)

Cptrs in Eng
(both)

Digital Design
(fall)

Comp. Arch.
(spring)

Technical and
Depth Electives

Circuits
(both)

Diff Eq.
(both)

Princ Elec Instr
(spring)

Lin Sys I
(spring)

Physics I
(both)

Physics II
(both)

Engr Math 1
(both)

Engr Math 2
(both)

Engr Math 3
(both)

Discrete Struct.
(both)

CS I
(both)

CS II, Data Struct.
(both)

Software Design
(fall or spring)

Algorithms
(both)

Additional prerequisite: Math I or Math 2

Prog. Lang.
Concepts
(both)

Embedded Sys.
(both)

Additional prerequisite: CIE and Digital Design

Prin CSE Design

Sr Design

Students must have taken 3 of: ECE:3330, ECE:3350, ECE:3360, ECE:3400, ECE:3410, ECE:3500, ECE:3600, CS:3330

Note: At least one course pointing to the OR must be taken as a pre-req. The other may be taken as a co-req.