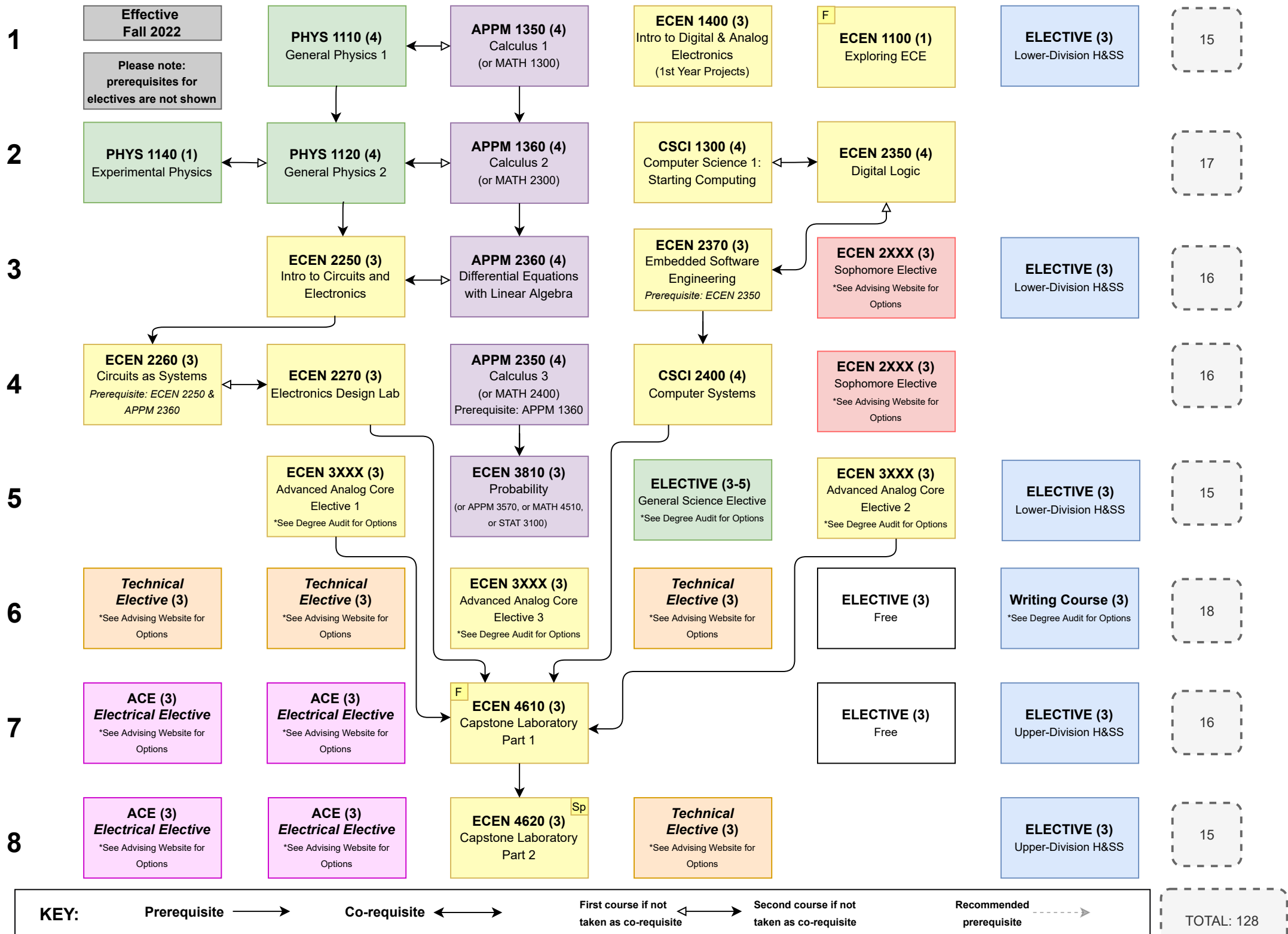


# ELECTRICAL ENGINEERING CURRICULUM (4-Year Plan)

F Sp = Semester normally offered



Effective Fall 2022  
Please note: prerequisites for electives are not shown

**PHYS 1110 (4)**  
General Physics 1

**APPM 1350 (4)**  
Calculus 1  
(or MATH 1300)

**ECEN 1400 (3)**  
Intro to Digital & Analog Electronics  
(1st Year Projects)

**ECEN 1100 (1)**  
Exploring ECE

**ELECTIVE (3)**  
Lower-Division H&SS

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**PHYS 1120 (4)**  
General Physics 2

**APPM 1360 (4)**  
Calculus 2  
(or MATH 2300)

**CSCI 1300 (4)**  
Computer Science 1: Starting Computing

**ECEN 2350 (4)**  
Digital Logic

**ELECTIVE (3)**  
Lower-Division H&SS

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**ECEN 2250 (3)**  
Intro to Circuits and Electronics

**APPM 2360 (4)**  
Differential Equations with Linear Algebra

**ECEN 2370 (3)**  
Embedded Software Engineering  
*Prerequisite: ECEN 2350*

**ECEN 2XXX (3)**  
Sophomore Elective  
*\*See Advising Website for Options*

**ELECTIVE (3)**  
Lower-Division H&SS

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**ECEN 2260 (3)**  
Circuits as Systems  
*Prerequisite: ECEN 2250 & APPM 2360*

**ECEN 2270 (3)**  
Electronics Design Lab

**APPM 2350 (4)**  
Calculus 3  
(or MATH 2400)  
*Prerequisite: APPM 1360*

**CSCI 2400 (4)**  
Computer Systems

**ECEN 2XXX (3)**  
Sophomore Elective  
*\*See Advising Website for Options*

**ELECTIVE (3)**  
Lower-Division H&SS

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**ECEN 3XXX (3)**  
Advanced Analog Core Elective 1  
*\*See Degree Audit for Options*

**ECEN 3810 (3)**  
Probability  
(or APPM 3570, or MATH 4510, or STAT 3100)

**ELECTIVE (3-5)**  
General Science Elective  
*\*See Degree Audit for Options*

**ECEN 3XXX (3)**  
Advanced Analog Core Elective 2  
*\*See Degree Audit for Options*

**ELECTIVE (3)**  
Lower-Division H&SS

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**Technical Elective (3)**  
*\*See Advising Website for Options*

**Technical Elective (3)**  
*\*See Advising Website for Options*

**ECEN 3XXX (3)**  
Advanced Analog Core Elective 3  
*\*See Degree Audit for Options*

**Technical Elective (3)**  
*\*See Advising Website for Options*

**ELECTIVE (3)**  
Free

**Writing Course (3)**  
*\*See Degree Audit for Options*

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**ACE (3)**  
**Electrical Elective**  
*\*See Advising Website for Options*

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**Electrical Elective**  
*\*See Advising Website for Options*

**ECEN 4610 (3)**  
Capstone Laboratory Part 1

**Technical Elective (3)**  
*\*See Advising Website for Options*

**ELECTIVE (3)**  
Free

**ELECTIVE (3)**  
Upper-Division H&SS

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**ACE (3)**  
**Electrical Elective**  
*\*See Advising Website for Options*

**ACE (3)**  
**Electrical Elective**  
*\*See Advising Website for Options*

**ECEN 4620 (3)**  
Capstone Laboratory Part 2

**Technical Elective (3)**  
*\*See Advising Website for Options*

**ELECTIVE (3)**  
Upper-Division H&SS

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