CAL POLY
Student Services
COLLEGE OF ENGINEERING

ELECTRICAL ENGINEERING

2026-2028 Semester Catalog

THIS IS AN EXAMPLE

Fall 2026 Transfer Flowchart

General Curriculum

2-Year Semester

TOTAL SEMESTER UNITS REQUIRED : 128

Catalog Notes & Suggestions

Below is an example of a pathway for a transfer student who is **on the Semester Catalog**.

NOTE ABOUT TRANSFER CREDIT

Below is a list of courses that you may have transfer credit for. Anything not transferred, needs to be added to your graduation plan, which may result in additional terms.

POTENTIAL CAL POLY EQUIVALENT TRANSFER CREDIT

Intro to Electrical Engr. **EE 1111 (1)**	*EE transfer students who completed an "Intro to Engineering" course may use it to satisfy EE 1111 (verify in DPR). Students who have not taken an "Intro to Engineering" course should enroll in EE 1111. Excess units from community college coursework may be applied toward EE 1111L.*		
Intro to Electrical Engr. Lab **EE 1111L (1)**	Fundamentals of Computer Science **CSC 1001 (3)** *MATH 1004 or MATH 1006 with C- or better. Concurrent: CSC 1001L*	Fundamentals of Computer Science Laboratory **CSC 1001L (1)** *MATH 1004 or MATH 1006 with C- or better. Concurrent: CSC 1001*	Electric Circuit Analysis I **EE 2211 (3) & EE 2241 (1)** *MATH 1262 and PHYS 1143*
Life Science for Engineers **BIO 2213 (3)** [GE 5B]	Calculus I **MATH 1261 (4)** *MATH 1005 or MATH 1007 with C- or better* [GE 2]	Calculus II **MATH 1262 (4)** *MATH 1261 with C- or better*	Calculus III **MATH 2263 (3)** *MATH 1262 or MATH 1263*
Linear Analysis **MATH 2341 (4)** *One of the following: MATH 1262, MATH 1263, or DATA/MATH 1265*	General Physics I **PHYS 1141 (4)** *Co-req: MATH 1261*	General Physics II **PHYS 1143 (4)** *PHYS 1141 Co-req: MATH 1262*	Written Communication **GE 1A (3)** *
Critical Thinking **GE 1B (3)** *	Oral Communication **GE 1C (3)** *	Arts **GE 3A (3)** *	Humanities: Literature, Philosophy, and Languages other than English **GE 3B (3)** *
American Institutions **GE 4A (3)** *Area 4 courses must come from at least two different prefixes* *	Social and Behavioral Science **GE 4B (3)** *Area 4 courses must come from at least two different prefixes* *	Ethnic Studies **GE 6 (3)** *	

Anything not transferred, needs to be added to your plan on the right, which may result in additional terms.

UNITS

YEAR ONE | 2026-2027

FALL	SPRING
Electric Circuit Analysis II **EE 2212 (3)** *EE 2211 and MATH 2341*	Classical Control Systems **EE 3302 (3) & EE 3302L (1)** *EE 2328*
Signals and Systems **EE 2328 (4)** *EE 2211, Co-req: MATH 2341*	Electronics II **EE 3308 (3) & EE 3308L (1)** *EE 3306/3306L, Coreq: EE 3302/3302L*
Electronics I **EE 3306 (3) & EE 3306L (1)** *EE 2211*	EM Fields & Transmission **EE 3335 (3) & EE 3335L (1)** *EE 2211 and MATH 2263*
Intro to Computer Systems **CPE 2300 (3)** *CSC 1001*	Cyber-Physical Systems **EE 3329 (4)** *CPE 2300, CPE 2301, and EE 3306*
Intro to HDL and Digital Design Lab **CPE 2301 (1)** *Co-req: CPE 2300*	Upper-Division Area 4: Social & Behavioral Sciences **GE UD 4 (3)** *Area 4 courses must come from at least two different prefixes* *
15 SEM.	**17 SEM.**

YEAR TWO | 2027-2028

FALL	SPRING
Senior Project I & Lab **EE 4461 & EE 4463 or 4465 (1+1)** *	Senior Project II & Lab **EE 4462 & EE 4464 or 4466 (1+1)** *
Electrical Machines & Power Systems **EE 3255 (3) & EE 3255L (1)** *One of: EE 2201, EE 2212, or EE 2115; & EE 2241, or EE 2115L.*	**EE Technical Elective (4)** *
Communication Systems **EE 4314 (3) & EE 4314L (1)** *EE 3335; Co-req: EE 3308, and STAT 3310*	**EE Technical Elective (4)** *
EE Fundamentals of Engineering Exam **EE 4459 (1)** *Senior Standing Rec: EE 3308*	**Technical Elective (3)** *
Technical Elective (4) *	Upper-Division Area 3: Arts & Humanities **GE UD 3 (3)** *
Probability & Random Processes for Engineers **STAT 3310 (3)** *	
18 SEM.	**16 SEM.**

Please Note: *These flowcharts are an example and not a template of your individualized plan. You will need to consult the Catalog and Degree Progress Report for detailed information about what you need to graduate. Engineering Student Services is available for assistance in this process.*

*Refer to current catalog for course requirements

Course Color Key

MAJOR	GE
SUPPORT	CONCENTRATION

Additional Requirements

Click the links below to learn more about how to complete these requirements before graduation.

- ☐ **U.S. CULTURAL PLURISM** (USCP)
- ☐ **GRADUATION WRITING REQ.** (GWR)