

# INDUSTRIAL ENGINEERING

2026-2028 Semester Catalog  
**THIS IS AN UNOFFICIAL EXAMPLE**

## Fall 2026 Transfer Flowchart

2-Year Semester

**TOTAL SEMESTER UNITS REQUIRED : 127-128**

### 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				YEAR ONE	2026-2027	YEAR TWO	2027-2028
				FALL	SPRING	FALL	SPRING
Choose TWO: Principles of Materials Engineering for Non-Majors & Lab I <b>MATE 1220/1215 (3)</b> *	Fundamentals of Chemical Structure and Properties <b>CHEM 1120 (4)</b> [GE 5A & 5C]	Programming for Scientists and Engineers <b>CSC 1032 (3)</b> *	Choose one from: <b>MATH 1151 (3)</b> or <b>MATH 2341 (4)</b> *	Intro to Industrial & Manufacturing Engineering <b>IME 1101 (1)</b>	Choose one: <b>IME 1141 (1) or</b> <b>IME 1142 (1) or</b> <b>IME 1156 (2)</b>	Senior Project Design I <b>IME 4461 (2)</b> *	Senior Project Design II <b>IME 4462 (2)</b> IME 4461
- or - Electric Circuits for Non-Majors & Lab <b>EE 2201/2241 (3) or</b> Circuits & Electronics for Non-Majors & Lab <b>EE 2115/2115L (4)</b>	Calculus I <b>MATH 1261 (4)</b> * [GE 2]	Calculus II <b>MATH 1262 (4)</b> MATH 1261 with C- or better	Calculus III <b>MATH 2263 (3)</b> MATH 1262 or MATH 1263	Technical Graphics Communication for Design & Manufacturing <b>IME 1140 (1)</b> Rec: IME 1143	Introduction to Enterprise Analytics & Database Systems <b>IME 2212 (4)</b> CSC 1001 or CSC 1032	Production Planning & Control Systems <b>IME 3410 (4)</b> IME 1223	Human Factors & Ergonomics in Engineering & Systems Design <b>IME 4319 (3)</b> Junior Standing; IME 3326 or 3327; PSY 2201
- or - Introduction to Mechanics <b>ENGR 2211 (4)</b> *	General Physics I <b>PHYS 1141 (4)</b> Co-req: MATH 1261	General Physics II <b>PHYS 1143 (4)</b> PHYS 1141 Co-req: MATH 1262	General Psychology <b>PSY 2201 (3)</b> [GE 4B]	Introduction to Design & Manufacturing <b>IME 1143 (2)</b> Co-req: IME 1140 or IME 1148	Financial Decision Making for Engineers <b>IME 2315 (2)</b>	Facilities Design & Warehousing <b>IME 3443 (4)</b> IME 1223	Applications of Enterprise Analytics <b>IME 4372 (4)</b> IME 2212; IME 3326; MATH 1151 or MATH 2341
Written Communication <b>GE 1A (3)</b> *	Critical Thinking <b>GE 1B (3)</b> *	Oral Communication <b>GE 1C (3)</b> *	Arts <b>GE 3A (3)</b> *	Process Improvement Fundamentals <b>IME 1223 (4)</b> MATH 1261 Rec: IME 1101	Statistical Decision-Making & Quality Control <b>IME 3326 (4)</b> STAT 3210	Supply Chain & Logistics Management <b>IME 4417 (4)</b> IME 3302	<b>Technical Elective (3-6)</b> *
Humanities: Literature, Philosophy, and Languages other than English <b>GE 3B (3)</b> *	American Institutions <b>GE 4A (3)</b> Area 4 courses must come from at least two different prefixes *	Life Sciences <b>GE 5B (3)</b> *	Ethnic Studies <b>GE 6 (3)</b> *	Operations Research & Management <b>IME 3302 (4)</b> MATH 1151 or MATH 2341	Process & System Simulation <b>IME 3420 (4)</b> IME 3302; Co-req: IME 3326 or IME 3327	Upper-Division Area 3: Arts & Humanities <b>GE UD 3 (3)</b> *	Upper-Division Area 4: Social & Behavioral Sciences <b>GE UD 4 (3)</b> Area 4 courses must come from at least two different prefixes *
				Engineering Statistics <b>STAT 3210 (3)</b> * [GE UD 5]			
				<b>17 SEM.</b>	<b>15-16 SEM.</b>	<b>17 SEM.</b>	<b>15-18 SEM.</b>

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

UNITS

**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)**