



This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2025-26

GE Pattern: local AA/AS

Total Units: 60

Start Term: Spring

First Year

Semester 1 (Spring)

7 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|------|---|------|---------------|---------|
| Req | ET 302 Principles of Electricity and Electronics | 4 | | |
| GE | MATH 300 Introduction to Mathematical Ideas | 3 | | L2 |

Semester 2 (Fall)

8 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|------|---|------|---------------|---------|
| Req | ET 425 Introduction to Biomedical Equipment Technology | 4 | ET 302 | |
| GE | ENGL C1000 Academic Reading and Writing or | 3 | | L1A |
| | ENGL C1000H ^H Academic Reading and Writing - Honors | 3 | | |
| GE | any Area L7A (Physical Education) course | 1 | | L7A |

Second Year

Semester 3 (Spring)

7 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|------|--|------|---------------|---------|
| Req | ET 426 Advanced Biomedical Equipment Technology | 4 | ET 425 | |
| GE | any Area L7B (Life Development Skills) course | 2 | | L7B |
| Elec | any elective course | 1 | | |

Semester 4 (Fall)

7.5 Units

CAREER PATH

Career Options:

This degree prepares students for ...

Advising Notes:

- This degree can be completed using either the local AA/AS general education (GE) pattern or the Cal-GETC transfer GE pattern. See a counselor to determine which pattern is best for you based on your academic goals.
- Students can substitute ESLW 340 for ENGL C1000/C1000H (formerly known as ENGWR 300/480).
- Elective Courses:** any elective courses numbered 100-499, or having a 4-digit number starting with C.

Scheduling Notes:

- ET 425 is offered in the fall.
- ET 426 is offered in the spring.
- ET 263 is offered in the spring over three Saturdays.
- Due to the scheduling of ET 263, 425, and 426, this map is designed for students starting in the spring.
- ET 260 and 262 are offered alternate fall semesters on a Saturday.
- ET 261 is offered in the fall on a Friday evening, and two

Saturdays.

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|------|---|------|---------------|---------|
| RE | ET 260 Introduction to Medical Ultrasound Equipment | 0.5 | | |
| Req | ET 322 Semiconductors and Nanotechnology | 4 | ET 302 | |
| GE | any Area L3 (Arts & Humanities) course | 3 | | L3 |

^H honors courses

Third Year

Semester 5 (Spring)

7 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|------|---|------|---------------|---------|
| Req | ET 253 Industrial Communication Systems Support | 4 | ET 302 | |
| GE | any Area L4 (Social & Behavioral Sciences) course | 3 | | L4 |

Semester 6 (Fall)

8 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|------|--|------|---------------|---------|
| Req | ET 380 Introduction to Electronic Communications | 4 | ET 302 | |
| RE | ET 261 Introduction to Biomedical Equipment Networking | 1 | | |
| GE | any Area L5 (Natural Sciences) course | 3 | | L5 |

Fourth Year

Semester 7 (Spring)

8 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|------|--|------|---------------|---------|
| RE | ET 263 Introduction to Medical X-ray Imaging Equipment | 1 | ET 425 | |
| Req | ET 335 Integrated Circuits with Computer Applications | 4 | ET 302 | |
| GE | any Area LIB (Oral Communication & Critical Thinking) course | 3 | | L1B |

Semester 8 (Fall)

7.5 Units

| CAT. | COURSE | UNIT | PREREQUISITES | GE AREA |
|------|--|------|---------------|---------|
| RE | ET 262 Introduction to Respiratory Therapy Ventilators | 0.5 | | |
| Req | ET 420 Microcontrollers and Digital Signal Processors | 4 | | |
| GE | any Area L6 (Ethnic Studies) course | 3 | | L6 |

EXPLANATION OF CATEGORIES

| | | |
|------|---------------------|--|
| Req | Required Core | A course that is required for this program |
| GE | General Education | A course that fulfills a specific general education requirement for a degree, which can be replaced with another course that meets the same requirement |
| Elec | Degree Elective | A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree |
| RE | Restricted Elective | A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list |