**CAL POLY** — LEARN BY DOING

*Note: No Major or Support courses may be selected as credit/no credit.*

## MAJOR COURSES

| Course | Title | Units |
|---|---|---|
| CPE/EE 133 | Digital Design | 4 |
| CPE/EE 233 | Computer Design & Assembly Lang Program | 4 |
| EE 111 | Introduction to Electrical Engineering | 2 |
| & EE 151 | and Introduction to Electrical Engineering | |
| Select from the following: | | 4 |
| EE 113 | Electric Circuit Analysis I | |
| & EE 143 | and Elect Manufact & Circuit Analysis Lab | |
| or | | |
| EE 112 | Electric Circuit Analysis I | |
| & IME 156 | and Basic Electronics Manufacturing | |
| EE 211 | Electric Circuit Analysis II | 4 |
| & EE 241 | and Electric Circuit Analysis Laboratory II | |
| EE 212 | Electric Circuit Analysis III | 4 |
| & EE 242 | and Electric Circuit Analysis Laboratory III | |
| EE 228 | Continuous-Time Signals and Systems | 4 |
| EE 255 | Energy Conversion Electromagnetics | 4 |
| & EE 295 | and Energy Conversion Electromagnetics Lab | |
| EE 302 | Classical Control Systems | 4 |
| & EE 342 | and Classical Control Systems Laboratory | |
| EE 306 | Semiconductor Device Electronics | 4 |
| & EE 346 | and Semiconductor Device Electronics Lab | |
| EE 307 | Digital Electronics & Integrated Circuits | 4 |
| & EE 347 | and Digital Elect & Integrated Circuits Lab | |
| EE 308 | Analog Electronics and Integrated Circuits | 4 |
| & EE 348 | and Analog Elect & Integrated Circuits Lab | |
| EE 314 | Introduction to Communication Systems | 3 |
| EE 328 | Discrete Time Signals and Systems | 4 |
| & EE 368 | and Signals and Systems Laboratory | |
| EE/CPE 329 | Microcontroller-Based Systems Design | 4 |
| or EE 336 | Microprocessor System Design | |
| EE 335 | Electromagnetic Fields and Transmission | 4 |
| EE 375 | Electromagnetic Fields & Transmission Lab | 1 |
| EE 402 | Electromagnetic Waves | 4 |
| EE 409 | Electronic Design | 4 |
| & EE 449 | and Electronic Design Laboratory | |
| EE 460 | Senior Project Preparation [1] | 2 |
| Select from the following: [1] | | 4 |
| EE 461 | Senior Project I | |
| & EE 462 | and Senior Project II | |
| or | | |
| EE 463 | Senior Project Design Laboratory I | |
| & EE 464 | and Senior Project Design Laboratory II | |
| **Total Major Units** | | **76** |

## SUPPORT COURSES

| Course | Title | Units |
|---|---|---|
| BIO 213 | Life Science for Engineers | 4 |
| & BMED 213 | and Bioengineering Fundamentals (B2) [2] | |
| CHEM 124 | General Chemistry for Physical Science and | 4 |
| CSC/CPE 101 | Fundamentals of Computer Science | 4 |
| MATH 141 | Calculus I (B4) [2] | 4 |
| MATH 142 | Calculus II (B4) [2] | 4 |
| MATH 143 | Calculus III (Area B Electives) [2] | 4 |
| MATH 241 | Calculus IV | 4 |
| MATH 244 | Linear Analysis I | 4 |
| PHYS 141 | General Physics IA (Area B Electives) [2] | 4 |
| PHYS 132 | General Physics II | 4 |
| PHYS 133 | General Physics III | 4 |
| PHYS 211 | Modern Physics I | 4 |
| STAT 350 | Probability and Random Processes for Engineers (Upper-Division B) [2] | 4 |
| **Concentration or General Curriculum in Electrical Engineering [3]** (See list of Concentrations and General Curriculum in Electrical Engineering below) | | 20 |
| **Total Support Units** | | **72** |

## GENERAL EDUCATION

| | | |
|---|---|---|
| **Area A English Language Communication and Critical Thinking** | | |
| A1 | Oral Communication | 4 |
| A2 | Written Communication | 4 |
| A3 | Critical Thinking | 4 |
| **Area B Scientific Inquiry and Quantitative Reasoning** | | |
| B1 | Physical Science (4 units in Support) [2] | 0 |
| B2 | Life Science (4 units in Support) [2] | 0 |
| B3 | One lab taken with either a B1 or B2 course | |
| B4 | Math/Quantitative Reason (8 units in Support) [2] | 0 |
| Upper-Division B (4 units in Support) [2] | | 0 |
| Area B Electives (8 units in Support) [2] | | 0 |
| **Area C Arts and Humanities** | | |
| **Lower-division courses in Area C must come from three different subject prefixes.** | | |
| C1 | Arts | 4 |
| C2 | Humanities | 4 |
| Lower-Division C Elective - Select a course from either C1 or C2. | | 4 |
| Upper-Division C | | 4 |
| **Area D Social Sciences** | | |
| D1 | American Institutions (Title 5, Section 40404 Requirement) | 4 |
| Area D Elective - Select either a lower-division D2 or upper-division D course. | | 4 |
| **Area E Lifelong Learning and Self-Development** | | |
| Lower-Division E | | 4 |
| **Area F Ethnic Studies** | | |
| Lower-Division F | | 4 |
| **Total GE Units** | | **44** |
| **FREE ELECTIVES** | | **0** |
| **TOTAL DEGREE UNITS** | | **192** |

## FOOTNOTES

1 Either the ENGR 459, ENGR 460 and ENGR 461 (6) series or the ENGR 463, ENGR 464 and ENGR 465 (6) series may substitute for the EE 460, EE 461 and EE 462 (6) series or the EE 460, EE 463 and EE 464 (6) series.

2 Required in Major or Support; also satisfies General Education (GE) requirement.

3 Unless a concentration is declared, the default will be General Curriculum in Electrical Engineering.

# BS ELECTRICAL ENGINEERING
## 2021-2022

| General Curriculum in Electrical Engineering | | |
|---|---|---|
| Technical Electives | | |
| Select from the following: [1,2,3] | | 11 |
| **EE Senior Design Lecture/Laboratory Electives** | | |
| EE 410 | Power Electronics I | |
| EE 411 | Power Electronics II | |
| EE 413 | Advanced Electronic Design | |
| EE/CPE 414 | Robotic Systems Integration | |
| EE 417 | Alternating Current Machines | |
| EE 420 | Sustainable Electric Energy Conversion | |
| EE 424 | Introduction to Remote Sensing | |
| EE/CPE 428 | Computer Vision | |
| EE 431/CPE 441 | Computer-Aided Design of VLSI Devices | |
| EE 433 | Introduction to Magnetic Design | |
| EE 434 | Automotive Engineering for a Sustainable | |
| EE/CPE 439 | Introduction to Real-Time Operating Systems | |
| EE/CPE 442 | Real Time Embedded Systems | |
| EE/CPE 446 | Design of Fault-Tolerant Digital Systems | |
| EE/CPE 447 | Stringed Musical Instrument Acoustics, | |
| EE 495 | Cooperative Education Experience [4] | |
| EE 502 | Microwave Component and System | |
| EE 504 | Software Defined Radio | |
| EE 516 | Pattern Recognition | |
| EE/CPE 521 | Computer Systems | |
| EE/CPE 522 | Advanced Real-Time Operating Systems | |
| EE/CPE 523 | Digital Systems Design | |
| EE 529 | Microwave Device Electronics | |
| EE 531/CPE 541 | Advanced VLSI Design | |
| EE 534 | Advanced Photonic Systems | |
| EE/CPE 542 | Advanced Real Time Embedded Systems | |
| **EE Senior Design Lecture Electives** | | |
| EE 400 | Special Problems [5] | |
| EE 403 | Introduction to Photonics and Fiber Optics | |
| EE 405 | High Frequency Amplifier Design | |
| EE 406 | Power Systems Analysis I | |
| EE 407 | Power Systems Analysis II | |
| EE 412 | Advanced Analog Circuits | |
| EE 415 | Communication Systems Design | |
| EE 416 | Digital Communication Systems | |
| EE 418 | Photonic Engineering | |
| EE 419 | Digital Signal Processing | |
| EE 423/BMED 434/MATE 430 | Micro/Nano Fabrication | |
| EE 425 | Analog Filter Design | |
| EE/CPE 432 | Digital Control Systems | |
| EE 440 | Wireless Communications | |
| EE 470 | Selected Advanced Topics | |
| EE 502 | Microwave Component and System | |
| EE 509 | Computational Intelligence | |
| EE 511 | Electric Machines Theory | |
| EE 513 | Control Systems Theory | |
| EE 514 | Advanced Topics in Automatic Control | |
| EE 515 | Discrete Time Filters | |
| EE 518 | Power System Protection | |
| EE 519 | Advanced Analysis of Power Systems | |
| EE 520 | Advanced Solar-Photovoltaic Systems Design | |
| EE 524 | Solid State Electronics | |
| EE 526 | Advanced Digital Communications | |
| EE 527 | Advanced Topics in Power Electronics | |
| EE 528 | Digital Image Processing | |

| Power Concentration | | |
|---|---|---|
| EE 406 | Power Systems Analysis I | 4 |
| or EE 410 | Power Electronics I | |
| **Approved Electives** | | |
| Select from the following: | | 9 |
| IME 314 | Engineering Economics | |
| IME 315 | Financial Decision Making for Engineers | |
| MATE 210 | Materials Engineering | |
| MATE 340 | Electronic Materials Systems | |
| MATH 248 | Methods of Proof in Mathematics | |
| MATH 304 | Vector Analysis | |
| MATH 306 | Linear Algebra II | |
| MATH 451 | Numerical Analysis I | |
| ME 211 | Engineering Statics | |
| ME 212 | Engineering Dynamics | |
| ME 302 | Thermodynamics I | |
| PHYS 310 | Physics of Energy | |
| **Technical Electives** | | |
| Select from the following: | | 7 |
| EE 406 | Power Systems Analysis I | |
| EE 407 | Power Systems Analysis II | |
| EE 410 | Power Electronics I | |
| EE 411 | Power Electronics II | |
| EE 417 | Alternating Current Machines | |
| EE 420 | Sustainable Electric Energy Conversion | |
| EE 432 | Digital Control Systems | |
| EE 433 | Introduction to Magnetic Design | |
| EE 434 | Automotive Engineering for a Sustainable Future | |
| EE 435 | Industrial Power Control and Automation | |
| EE 444 | Power Systems Laboratory | |
| EE 472 | Digital Control Systems Laboratory | |
| EE 509 | Computational Intelligence | |
| EE 511 | Electric Machines Theory | |
| EE 513 | Control Systems Theory | |
| EE 514 | Advanced Topics in Automatic Control | |
| EE 518 | Power System Protection | |
| EE 519 | Advanced Analysis of Power Systems | |
| EE 520 | Advanced Solar-Photovoltaic Systems Design | |
| EE 527 | Advanced Topics in Power Electronics | |
| MATH 453 | Numerical Optimization | |
| **Total Units** | | **20** |

**CAL POLY**

**BS ELECTRICAL ENGINEERING**
**2021-2022**

This document displays only your course requirements
at the time of publication of the catalog.
You must use your Degree Progress Report
to track all your graduation requirements.

| | | Radio Frequency - Microwaves - Photonics Concentration | |
|---|---|---|---|
| EE 530 | Fourier Optics | **Approved Electives:** [1] | |
| EE 533 | Antennas | Select from the following: | 9 |
| EE 570 | Selected Advanced Topics | EE 423/MATE 430/BMED 43 Micro/Nano Fabrication | |
| **EE Senior Design Laboratory Electives** | | EE 473/MATE 435/BMED Microfabrication Laboratory | |
| EE 400 | Special Problems [5] | MATE 210 Materials Engineering | |
| EE/PHYS 422 | Polymer Electronics Laboratory | MATE 215 Materials Laboratory I | |
| EE 435 | Industrial Power Control and Automation | MATE 340 Electronic Materials Systems | |
| EE 443 | Introduction to Photonics and Fiber Optics | MATH 206 Linear Algebra I | |
| EE 444 | Power Systems Laboratory | MATH 304 Vector Analysis | |
| EE 445 | High Frequency Amplifier Design Laboratory | PHYS 315 Lasers | |
| EE 452 | Advanced Analog Circuits Laboratory | PHYS 322 Vibrations and Waves | |
| EE 455 | Analog Filter Design Laboratory | PHYS 323 Optics | |
| EE 456 | Digital Communication Systems Laboratory | PHYS 408 Electromagnetic Fields and Waves I | |
| EE 458 | Photonic Engineering Laboratory | PHYS 423 Advanced Optics | |
| EE 459 | Digital Signal Processing Laboratory | **Technical Electives:** [1] | |
| EE 471 | Selected Advanced Laboratory | Select from the following: | 11 |
| EE/CPE 472 | Digital Control Systems Laboratory | EE 403 Introduction to Photonics and Fiber Optics | |
| EE 473/BMED 435/MATE 435 | Microfabrication Laboratory | EE 405 High Frequency Amplifier Design | |
| EE 475 | Communication Networks and Systems | EE 412 Advanced Analog Circuits | |
| EE 480 | Wireless Communications Laboratory | EE 413 Advanced Electronic Design | |
| EE/CPE 532 | VLSI Circuit Testing | EE 416 Digital Communication Systems | |
| EE 541 | Advanced Microwave Laboratory | EE 418 Photonic Engineering | |
| EE 544 | Solid-state Electronics and VLSI Laboratory | EE 423/MATE 430/BMED 43 Micro/Nano Fabrication | |
| **Non-EE Electives** | | EE 425 Analog Filter Design | |
| BMED 420 | Principles of Biomaterials Design | EE 440 Wireless Communications | |
| BMED 425 | Biomedical Engineering Transport | EE 443 Introduction to Photonics and Fiber Optics Laboratory | |
| BMED 430 | Biomedical Modeling and Simulation | EE 445 High Frequency Amplifier Design Laboratory | |
| BMED 440 | Bioelectronics and Instrumentation | EE 452 Advanced Analog Circuits Laboratory | |
| BMED 445 | Biopotential Instrumentation | EE 455 Analog Filter Design Laboratory | |
| BUS 311 | Managing Tech in the Intern Legal | EE 456 Digital Communication Systems Laboratory | |
| CHEM 313 | Survey of Biochemistry and Biotechnology | EE 458 Photonic Engineering Laboratory | |
| CPE 315 | Computer Architecture | EE 480 Wireless Communications Laboratory | |
| CPE 333 | Computer Hardware Architecture and Design | EE 502 Microwave Component and System Engineering | |
| CPE 416 | Autonomous Mobile Robotics | EE 504 Software Defined Radio | |
| CPE 464 | Introduction to Computer Networks | EE 524 Solid State Electronics | |
| CSC/CPE 357 | Systems Programming | EE 526 Advanced Digital Communications | |
| CSC/CPE 453 | Introduction to Operating Systems | EE 529 Microwave Device Electronics | |
| CSC/CPE 458 | Current Topics in Computer Systems | EE 530 Fourier Optics | |
| CSC/CPE 471 | Introduction to Computer Graphics | EE 533 Antennas | |
| ECON 330 | International Trade Theory | EE 534 Advanced Photonic Systems | |
| ECON 337 | Money, Banking and Credit | EE 541 Advanced Microwave Laboratory | |
| ENVE 331 | Fundamentals of Environmental Engineering | PHYS 423 Advanced Optics | |
| IME 301 | Operations Research I | **Total Units** | **20** |
| IME 303 | Project Organization and Management | | |
| IME 305 | Operations Research II | | |
| IME 319 | Human Factors Engineering | | |
| IME 401 | Sales Engineering | | |
| IME 435 | Reliability for Design and Testing | | |
| IME 457 | Advanced Electronic Manufacturing | | |
| IME/MATE 458/CPE 488 | Microelectronics and Electronics Packaging | | |
| MATE 340 | Electronic Materials Systems | | |
| MATH 304 | Vector Analysis | | |
| MATH 306 | Linear Algebra II | | |
| MATH 406 | Linear Algebra III | | |
| MATH 408 | Complex Analysis I | | |
| MATH 409 | Complex Analysis II | | |
| MATH 412 | Introduction to Analysis I | | |
| MATH 413 | Introduction to Analysis II | | |

1 A course cannot be double-counted as an Approved Elective and a Technical Elective.

# CAL POLY

# BS ELECTRICAL ENGINEERING
## 2021-2022

This document displays only your course requirements at the time of publication of the catalog. You must use your Degree Progress Report to track all your graduation requirements.

| | |
|---|---|
| MATH 451 | Numerical Analysis I |
| MATH 452 | Numerical Analysis II |
| MATH 453 | Numerical Optimization |
| ME 302 | Thermodynamics I |
| ME 405 | Mechatronics |
| ME 415 | Energy Conversion |
| MU 311 | Sound Design: Technologies |
| MU 312 | Sound Design: Recording |
| MU 411 | Sound Design: Synthesis |
| PHYS 305 | Classical Mechanics I |
| PHYS 306 | Classical Mechanics II |
| PHYS 310 | Physics of Energy |
| PHYS 313 | Introduction to Atmospheric Physics |
| PHYS 318 | Special Theory of Relativity |
| PHYS 322 | Vibrations and Waves |
| PHYS 403 | Particle and Nuclear Physics |
| PHYS 405 | Quantum Mechanics I |
| PHYS 406 | Quantum Mechanics II |
| PHYS 408 | Electromagnetic Fields and Waves I |
| PHYS 409 | Electromagnetic Fields and Waves II |
| PHYS 412 | Solid State Physics |
| PHYS 417 | Nonlinear Dynamical Systems |
| PHYS 423 | Advanced Optics |
| PHYS 452 | Solid State Physics Laboratory |

## Approved Engineering Electives

Select from the following: [1,2,6]  9

| | |
|---|---|
| BIO 111 | General Biology |
| BMED 212 | Introduction to Biomedical Engineering Design |
| BMED 310 | Biomedical Engineering Measurement and |
| BMED 450 | Contemporary Issues in Biomedical |
| CHEM 125 | General Chemistry for Physical Science and |
| CHEM 212 | Introduction to Organic Chemistry |
| CHEM 313 | Survey of Biochemistry and Biotechnology |
| CPE 290 | Selected Topics (Introduction to C++ |
| CPE 315 | Computer Architecture |
| CPE 333 | Computer Hardware Architecture and Design |
| CSC/CPE 202 | Data Structures |
| CSC/CPE 203 | Project-Based Object-Oriented Programming |
| CSC 248 | Discrete Structures |
| CSC/CPE 357 | Systems Programming |
| EE 261 | Intro C Programming with a Hardware |
| EE 262 | Intro C++ Programming with a Hardware |
| EE/PHYS 422 | Polymer Electronics Laboratory |
| IME 142 | Manufacturing Processes: Materials Joining |
| IME 143 | Manufacturing Processes: Material Removal |
| IME 301 | Operations Research I |
| IME 305 | Operations Research II |
| IME 314 | Engineering Economics |
| IME 315 | Financial Decision Making for Engineers |
| MATE 210 | Materials Engineering |
| MATE 215 | Materials Laboratory I |
| MATE 232 | Materials, Ethics, and Society |
| MATE 340 | Electronic Materials Systems |
| MATE 430/BMED | Micro/Nano Fabrication |
| MATE/BMED 435/EE 473 | Microfabrication Laboratory |
| MATH 206 | Linear Algebra I |
| MATH 248 | Methods of Proof in Mathematics |
| MATH 304 | Vector Analysis |

## Systems Concentration

### Approved Electives [1]

Select from the following:  9

| | |
|---|---|
| BMED 310 | Biomedical Engineering Measurement and Analysis |
| CPE/CSC 202 | Data Structures |
| CPE/CSC 203 | Project-Based Object-Oriented Prog & Design |
| CPE 333 | Computer Hardware Architecture and Design |
| IME 301 | Operations Research I |
| IME 305 | Operations Research II |
| MATH 206 | Linear Algebra I |
| MATH 306 | Linear Algebra II |
| MATH 408 | Complex Analysis I |
| MATH 409 | Complex Analysis II |
| MATH 451 | Numerical Analysis I |
| ME 211 | Engineering Statics |
| ME 212 | Engineering Dynamics |
| PHYS 322 | Vibrations and Waves |
| PHYS 323 | Optics |
| PHYS 417 | Nonlinear Dynamical Systems |

### Technical Electives [1]

Select from the following:  11

| | |
|---|---|
| BMED 440 | Bioelectronics and Instrumentation |
| CPE 315 | Computer Architecture |
| CPE 333 | Computer Hardware Architecture and Design |
| CPE/CSC 357 | Systems Programming |
| CPE/EE 414 | Robotic Systems Integration |
| CPE 416 | Autonomous Mobile Robotics |
| CPE/EE 428 | Computer Vision |
| CPE/EE 432 | Digital Control Systems |
| CPE/EE 442 | Real Time Embedded Systems |
| CPE/EE 447 | Stringed Musical Instrument Acoustics, Mechanics, and Transducer Design |
| CPE 464 | Introduction to Computer Networks |
| CPE/EE 472 | Digital Control Systems Laboratory |
| EE 403 | Introduction to Photonics and Fiber Optics |
| EE 415 | Communication Systems Design |
| EE 416 | Digital Communication Systems |
| EE 419 | Digital Signal Processing |
| EE 424 | Introduction to Remote Sensing |
| EE 425 | Analog Filter Design |
| EE 440 | Wireless Communications |
| EE 443 | Introduction to Photonics and Fiber Optics Laboratory |
| EE 455 | Analog Filter Design Laboratory |
| EE 456 | Digital Communication Systems Laboratory |
| EE 459 | Digital Signal Processing Laboratory |
| EE 475 | Communication Networks and Systems Lab |
| EE 480 | Wireless Communications Laboratory |
| EE 504 | Software Defined Radio |
| EE 509 | Computational Intelligence |
| EE 513 | Control Systems Theory |
| EE 514 | Advanced Topics in Automatic Control |
| EE 515 | Discrete Time Filters |
| EE 516 | Pattern Recognition |
| EE 525 | Stochastic Processes |
| EE 526 | Advanced Digital Communications |
| EE 528 | Digital Image Processing |
| IME 301 | Operations Research I |
| IME 305 | Operations Research II |
| MATH 306 | Linear Algebra II |
| MATH 406 | Linear Algebra III |

| | | |
|---|---|---|
| MATH 306 | Linear Algebra II | |
| MATH 406 | Linear Algebra III | |
| MATH 408 | Complex Analysis I | |
| MATH 409 | Complex Analysis II | |
| MATH 412 | Introduction to Analysis I | |
| MATH 451 | Numerical Analysis I | |
| MATH 452 | Numerical Analysis II | |
| MATH 453 | Numerical Optimization | |
| ME 211 | Engineering Statics | |
| ME 212 | Engineering Dynamics | |
| ME 228 | Engineering Design Communication | |
| ME 251 | Introduction to Detailed Design with Solid | |
| ME 302 | Thermodynamics I | |
| ME 341 | Fluid Mechanics I | |
| PHYS 212 | Modern Physics II | |
| PHYS 310 | Physics of Energy | |
| PHYS 313 | Introduction to Atmospheric Physics | |
| PHYS 315 | Lasers | |
| PHYS 318 | Special Theory of Relativity | |
| PHYS 322 | Vibrations and Waves | |
| PHYS 323 | Optics | |
| PHYS 403 | Particle and Nuclear Physics | |
| PHYS 405 | Quantum Mechanics I | |
| PHYS 406 | Quantum Mechanics II | |
| PHYS 408 | Electromagnetic Fields and Waves I | |
| PHYS 409 | Electromagnetic Fields and Waves II | |
| PHYS 412 | Solid State Physics | |
| PHYS 417 | Nonlinear Dynamical Systems | |
| PHYS 423 | Advanced Optics | |
| PHYS 424 | Advanced Theoretical Physics | |
| PHYS 452 | Solid State Physics Laboratory | |
| **Total Units** | | **20** |

| | | |
|---|---|---|
| MATH 408 | Complex Analysis I | |
| MATH 409 | Complex Analysis II | |
| MATH 453 | Numerical Optimization | |
| ME 405 | Mechatronics | |
| MU 311 | Sound Design: Technologies | |
| MU 312 | Sound Design: Recording | |
| MU 411 | Sound Design: Synthesis | |
| PHYS 322 | Vibrations and Waves | |
| **Total Units** | | **20** |

1 A course cannot be double-counted as a Approved Elective and a Technical Elective.

1 Consultation with an advisor is recommended prior to selecting Technical Electives or Approved Electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals.

2 A course cannot be double-counted as a Technical Elective and an Approved Engineering Elective.

3 A minimum of two EE Senior Design Lecture Electives and two EE Senior Design Laboratory Electives.

4 Four units maximum.

5 Four units maximum may count toward Technical Electives; one unit maximum, with approval of department chair, may count towards Senior Design Laboratory Elective.

6 The number of units given for transfer credit will not exceed the number of units of the Cal Poly course