Outcome Assessment Timeline Academic Programs

Department of Electronics

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| **APR 4-Year Cycle SLO 3-Year Cycle** | **2022-2026** |
| **Course ID** | **Course-Level Student Learning Outcome (CSLO)** | **Measure/Collect Data** | **Discuss & Plan** |
| **ELEC - 260**Microcomputer Systems and A+ Certification | Install, configure, troubleshoot, maintain, virtualize, and upgrade operating systems on multiple device platforms. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
|  | Implement security best practices to secure stand alone and network devices against security threats. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
|  | Research and explain the basic features of mobile operating systems and network connectivity. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
|  | Collaborate as a team member documenting findings, actions, and troubleshooting outcomes. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
| **ELEC - 265**Computer Networking for N+ Certification | Students will analyze and give quantitative answers to problems covering areas such as computer assembly, repair, software installation and customer service issues. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | RecommendMeasurement: each term |  |
|  | Students will work in groups as lab team members taking turns with the work and | Fall 2021 | Spring 2022 |

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|  | leadership / other roles. The lab work turned in will be evaluated for content and collaboration. | Fall 2024Recommend Measurement: each term | Spring 2025 |
| Students will prepare and present to the class a 15-minute presentation expanding on some area or topic in the text. A written summary of the presentation will be handed in to the instructor. The class will comment on and discuss the presentation. | Fall 2021Fall 2024Recommend Measurement: each term | Spring 2022Spring 2025 |
| **ELEC - 276**Introduction to Security+ | Demonstrate an understanding of the fundamental terminology and theory associated with Network Security | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
|  | Analyze, install, configure, and fine tune hardware and software tools used in the field of Network Security. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
|  | Identify international efforts of security management | Fall 2021 | Spring 2022 |
|  |  | Fall 2024 | Spring 2025 |
|  |  | Recommend Measurement: each term |  |
| **ELEC - 290**Electronics Cooperative Work Experience I | Demonstrate effective oral and written communication and technological awareness through the use of technologies (internet, email and telephone) in the workplace. | Fall 2021Fall 2024Recommend Measurement: each term | Spring 2022Spring 2025 |
|  | Apply personal skills, attitudes, cultural awareness, and skill proficiency in the workplace. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
| **ELEC - 291** | Demonstrate effective oral and written communication and technological | Fall 2021 | Spring 2022 |

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| Electronics Cooperative Work Experience II | awareness through the use of technologies (internet, email and telephone) in the workplace. | Fall 2024Recommend Measurement: each term | Spring 2025 |
|  | Apply personal skills, attitudes, cultural awareness, and skill proficiency in the workplace. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
| **ELEC - 292**Electronics Cooperative Work Experience III | Demonstrate effective oral and written communication and technological awareness through the use of technologies (internet, email and telephone) in the workplace. | Fall 2021Fall 2024Recommend Measurement: each term | Spring 2022Spring 2025 |
|  | Apply personal skills, attitudes, cultural awareness, and skill proficiency in the workplace. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
| **ELEC - 293**Electronics Cooperative Work Experience IV | Demonstrate effective oral and written communication and technological awareness through the use of technologies (internet, email and telephone) in the workplace. | Fall 2021Fall 2024Recommend Measurement: each term | Spring 2022Spring 2025 |
|  | Apply personal skills, attitudes, cultural awareness, and skill proficiency in the workplace. | Fall 2021Fall 2024 | Spring 2022Spring 2025 |
|  |  | Recommend Measurement: each term |  |
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| **Program** | **Program-Level Student Learning Outcome (PSLO)** | **Measure/Collect Data** | **Discuss & Plan** |
| **Electronics---Computer Technician---Basic**: Certificate of Proficiency (A2908) | Students will be able to use classroom materials to successfully prepare for the following CompTIA examinations: A+, N+ and Security+ | 2022 - 2026 | Fall 2025 |

**Directions & Helpful Hints**

In the spaces provided on the timeline, please list course-level and program-level student learning outcomes and when each will be assessed.

**APR/SLO 3-Year Cycle**: The APR/SLO cycle begins with a compressive program review and ends just before the next comprehensive is due.

**Course ID:** Insert course designator (e.g., ENGL 114, MATH 60, COMM 103)

**Course-Level Student Learning Outcome (CSLO):** Write in each CSLO listed on the course outline of record. This can be accessed in CurricUNET.

**Measure:** Insert the semester(s) each CSLO will be measured, and entered into eLumen.

**Discuss & Plan:** State the semester the faculty will meet to discuss assessment results and create action plans as needed.

**Program:** State the program being assessed.

**Program-Level Student Learning Outcome (PSLO):** State the PSLO(s) for each program listed.

Considerations for Completing the SLO Assessment Timeline:

As per the SCEA contract, “The timeline shall ensure that all SLOs in all sections for each course are to be assessed at least once during the 3-year cycle, with a maximum number of course SLOs per section collected by a Unit member at any one time being three (3)”.

According to the ACCJC Standard II.A.3, “The institution identifies and regularly assesses learning outcomes for courses, programs, certificates, and degrees using established institutional procedures.”