Outcome Assessment Timeline

Academic Programs

(Environmental Technology)

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| **APR /SLO 4-Year Cycle** | **Assessment cycle (2022-2026)** |
| **Course ID** | **Course-Level Student Learning Outcome (CSLO)** | **Measure/Collect Data** | **Discuss & Plan** |
| EHMT 100 | Explain the significance of environmental statues and regulations as it relates to past and current environmental pollution. (EHMT 100; ISLO 11) | Spring 2024 | Fall 2025 |
| Prepare a written evaluation of the legal meaning of pertinent titles and parts of both Federal and State environmental, health and safety regulations. (EHMT 100; ISLO 3) | Spring 2024 | Fall 2025 |
| Design an experiment that incorporates concepts of the scientific methods to analyze and assess surface water quality. (EHMT 100; ISLO 5) | Spring 2024 | Fall 2025 |
| EHMT 130 | Classify toxic potential according to LD50 values and Dose-response graphic information. (EHMT 130; ISLO 5) | Spring 2024 | Fall 2025 |
| Using toxicokinetics identify pertinent routes of absorption and elimination in animal models. (EHMT 130; ISLO 6) | Spring 2024 | Fall 2025 |
| EHMT 150 | Differentiate between hazardous waste and hazardous substance according to regulatory specifications. (EHMT 150; ISLO 4) | Spring 2024 | Fall 2025 |
| Interpret Federal and State regulations as these pertain to hazardous waste identification, transportation, and disposal. (EHMT 150; ISLO 3) | Spring 2024 | Fall 2025 |
| ~~EHMT 200~~~~(Discontinued)~~ | ~~Interpret State regulations for hazardous material identification, handling, and disposal. (EHMT 200; ISLO 3)~~ | ~~Spring 2024~~ | ~~Fall 2025~~ |
| ~~Demonstrate an understanding of regulatory language for safe handling procedures of hazardous materials. (EHMT 200; ISLO 5)~~ | ~~Spring 2024~~ | ~~Fall 2025~~ |
| EHMT 201 | Present the components and significance of the industrial hygiene tetrahedron as the basis for the study of industrial hygiene. (EHMT 201; ISLO 2) | Spring 2024 | Fall 2025 |
| Demonstrate selection procedures for personal protective equipment using quantitative information charts and data. (EHMT 201; ISLO 5) | Spring 2024 | Fall 2025 |
| ~~EHMT 202~~~~(Discontinued)~~ | ~~EHMT202 SLO #1 Compare and contrast water treatment technologies.~~ | ~~Spring 2024~~ | ~~Fall 2025~~ |
| ~~EHMT202 SLO #2 Analyze and assess historical, political, economic, scientific and social issues in a way that enables them to participate in their community, nation and world.~~ | ~~Spring 2024~~ | ~~Fall 2025~~ |
| EHMT 230 | Construct and organize emergency response hierarchy starting with incident commander. (EHMT 230; ISLO 6) | Spring 2024 | Fall 2025 |
| Through the use of analytical instrumentation and data interpretation be able to identify chemical unknowns. (EHMT 230; ISLO 5) | Spring 2024 | Fall 2025 |
| EHMT 260 | Explain through example at least one type of safety document required in industry. (EHMT 260; ISLO 4) | Fall 2023 | Fall 2025 |
| Formulate and share ideas, analyze the ideas of others, integrate them into their thinking. (EHMT 260; ISLO 4) | Fall 2023 | Fall 2025 |
| Recall and interpret pertinent sections of Federal and California OSHA regulations. (EHMT 260; ISLO 3) | Fall 2023 | Fall 2025 |
| EHMT260 SLO #2 Explain through example at least one type of safety document required in industry. | Fall 2023 | Fall 2025 |
| EHMT 261 | Present verbal arguments for and against various management styles used in the area of worker safety and health. (EHMT 261; ISLO 1) | Fall 2023 | Fall 2025 |
| Prepare and present an example of a useful safety culture in industry. (EHMT 261; ISLO 2) | Fall 2023 | Fall 2025 |
| EHMT 290 | Write measurable, achievable, relevant and timely objectives related to now or expanded workplace responsibilities. (EHMT 290; ISLO 2) | Fall 2023 | Fall 2025 |
| Demonstrate effective and oral written communication and technological awareness through the use of technologies (equipment, computers, internet) in the workplace. (EHMT 290; ISLO 2) | Fall 2023 | Fall 2025 |
| EHMT 291 | Write measurable, achievable, relevant and timely objectives related to now or expanded workplace responsibilities. (EHMT 291; ISLO 2)) | Fall 2023 | Fall 2025 |
| Demonstrate effective and oral written communication and technological awareness through the use of technologies (equipment, computers, internet) in the workplace. (EHMT 291; ISLO 2) | Fall 2023 | Fall 2025 |
| EHMT 292 | Demonstrate effective and oral written communication and technological awareness through the use of technologies (equipment, computers, Internet) in the workplace. (EHMT 292; ISLO 2) | Fall 2023 | Fall 2025 |
| Write measurable, achievable, relevant, and timely objectives related to new or expanded workplace responsibilities. (EHMT 292; ISLO 2) | Fall 2023 | Fall 2025 |
| EHMT 293 | Demonstrate effective oral and written communication and technological awareness through the use of technologies (internet, email and telephone) in the workplace. (EHMT 293; ISLO 2) | Fall 2023 | Fall 2025 |
| Write measurable, achievable, relevant, and timely objectives related to new or expanded workplace responsibilities. (EHMT 293; ISLO 2) | Fall 2023 | Fall 2025 |
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| **Program** | **Program-Level Student Learning Outcome (PSLO)** | **Measure/Collect Data** | **Discuss & Plan** |
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| **Environmental ManagementAssociate in Science**1971 | Speak authoritatively and actively to present training information to others | 2023-2027 | Spring 2026 |
| **Environmental ManagementCertificate**1972 | Speak authoritatively and actively to present training information to others | 2023-2027 | Spring 2026 |
| **Occupational health and SafetyAssociate in Science** 1973 | Speak authoritatively and actively to present training information to others | 2023-2027 | Spring 2026 |
| **Occupational health and Safety** Certificate 1974 | Speak authoritatively and actively to present training information to others | 2023-2027 | Spring 2026 |
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**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.”