

**Program Outcomes (PROGRAM level)**

**MCC CTE Program: Environmental Health & Safety Technology – Environmental Emphasis**

**CTE or Occupational Program Outcome: Students will demonstrate the ability to apply foundational skills in an industrial setting, safely and to industry guidelines.**

<b>Expected Student Outcome (Performance Criteria or Indicator)</b>	<b>Curriculum or Courses (Strategies)</b>	<b>Assessment Method(s)</b>	<b>Context for Assessment</b>	<b>Time of data collection</b>	<b>Assessment Coordinator</b>	<b>Evaluation of Results</b>
Demonstrate an understanding of OSHA regulations as used in industry.	EHSS 101 EHSS 200 EHSS 202 EHSS 204 EHSS 213	Locally developed exams and assignments	EHSS 101 EHSS 200 EHSS 202	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Demonstrate an understanding of EPA regulations as used in industry.	EHSS 101 EHSS 202 EHSS 203 EHSS 204 EHSS 213 EHSS 220 EHSS 225 EHSS 230	Locally developed exams and assignments	EHSS 101 EHSS 202 EHSS 203 EHSS 220 EHSS 225 EHSS 230	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Demonstrate an understanding of DOT regulations as used in industry.	EHSS 101 EHSS 202 EHSS 213 EHSS 230	Locally developed exams and assignments	EHSS 101 EHSS 202 EHSS 230	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee

**Results** \_\_\_\_\_ (date):

**Actions** \_\_\_\_\_ (date):

**Second-Cycle Results** \_\_\_\_\_ (date):

**Program Outcomes (PROGRAM level)**

**MCC CTE Program : Environmental Health & Safety Technology**

**CTE or Occupational Program Outcome: Students will demonstrate professional oral and written communication skills.**

<b>Expected Student Outcome (Performance Criteria or Indicator)</b>	<b>Curriculum or Courses (Strategies)</b>	<b>Assessment Method(s)</b>	<b>Context for Assessment</b>	<b>Time of data collection</b>	<b>Assessment Coordinator</b>	<b>Evaluation of Results</b>
Demonstrate appropriate written, oral and technical electronic communications skills.	ENGL 101 SPDR 100 ENGL 215 CSIS 115 EHSS 203 EHSS 204 EHSS 213	Current Event Paper, Program Evaluation Report, Opinion Papers, Presentations	EHSS 203 EHSS 204 EHSS 213	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee

**Results** \_\_\_\_\_ (date):

**Actions** \_\_\_\_\_ (date):

**Second-Cycle Results** \_\_\_\_\_ (date):

**Program Outcomes (PROGRAM level)**

**MCC CTE Program : Environmental Health & Safety Technology**

**CTE or Occupational Program Outcome: Students will think critically and apply problem-solving skills.**

<b>Expected Student Outcome (Performance Criteria or Indicator)</b>	<b>Curriculum or Courses (Strategies)</b>	<b>Assessment Method(s)</b>	<b>Context for Assessment</b>	<b>Time of data collection</b>	<b>Assessment Coordinator</b>	<b>Evaluation of Results</b>
Demonstrate skill in using mathematical equations to solve problems in the technical field.	MATH 103	Homework, exams, projects	MATH 103	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Demonstrate an application of OSHA, EPA, and DOT regulations as used in industry.	EHSS 101 EHSS 204 EHSS 213	Locally developed exams, program development project, assignments	EHSS 101 EHSS 204 EHSS 213	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Anticipate and identify hazards and identify and implement controls.	EHSS 101 EHSS 110 EHSS 200 EHSS 213	Site Specific Safety Plan Assignment, Locally developed exams, assignments	EHSS 101 EHSS 110 EHSS 213	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Implement assessment methods related to environmental protection.	EHSS 204	Program evaluation project, Locally developed exams, assignments	EHSS 204	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Prevention, manage and investigate of emergencies, incidents, and events that harm people, property, or the environment.	EHSS 101 EHSS 204	Site Specific Safety Plan Assignment, Program Evaluation project, Locally developed exams, assignments	EHSS 101 EHSS 204	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee

**Results** \_\_\_\_\_ (date):

**Actions** \_\_\_\_\_ (date):

**Second-Cycle Results** \_\_\_\_\_ (date):

**Program Outcomes (PROGRAM level)**

**MCC CTE Program : Environmental Health & Safety Technology**

**CTE or Occupational Program Outcome:** The program will graduate individuals who exhibit competence in the entry-level skills of technical profession environmental health and safety technology.

<b>Expected Student Outcome (Performance Criteria or Indicator)</b>	<b>Curriculum or Courses (Strategies)</b>	<b>Assessment Method(s)</b>	<b>Context for Assessment</b>	<b>Time of data collection</b>	<b>Assessment Coordinator</b>	<b>Evaluation of Results</b>
Demonstrate an application of OSHA, EPA, and DOT regulations as used in industry.	EHSS 101 EHSS 204 EHSS 213	Locally developed exams, program evaluation project, assignments	EHSS 101 EHSS 204 EHSS 213	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Implement practices related Hazardous Materials, Air, water and waste in an industrial setting	EHSS 101 EHSS 204 EHSS 213 EHSS 220 EHSS 225 EHSS 230	Locally developed exams, program development project, assignments	EHSS 101 EHSS 213	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Participate in Sampling, Site Investigation and Remediation of hazardous materials	EHSS 101 EHSS 202 EHSS 230	Locally developed exams, program development project, assignments	EHSS 101	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Implement management Programs related to EHS in an industrial setting.	EHSS 204 EHSS 213	Locally developed exams, program development project, assignments	EHSS 213	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee

**Results** \_\_\_\_\_ (date):

**Actions** \_\_\_\_\_(date):

**Second-Cycle Results** \_\_\_\_\_(date):

**Program Outcomes (PROGRAM level)**

**MCC CTE Program : Environmental Health & Safety Technology**

**CTE or Occupational Program Outcome:** The program will graduate individuals who can interact and communicate with managerial, supervisory, labor and external public using a combination of skills for a clear exchange of ideas and information.

<b>Expected Student Outcome (Performance Criteria or Indicator)</b>	<b>Curriculum or Courses (Strategies)</b>	<b>Assessment Method(s)</b>	<b>Context for Assessment</b>	<b>Time of data collection</b>	<b>Assessment Coordinator</b>	<b>Evaluation of Results</b>
Implement pollution prevention and waste minimization strategies.	EHSS 101 EHSS 217 EHSS 230	Locally developed exams, assignments	EHSS 101 EHSS 217 EHSS 230	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee
Understanding of management styles and implementation strategies.	EHSS 213	Locally developed exams, assignments	EHSS 213	Fall and Spring Semester	EHS Program Coordinator	EHS Program Coordinator, EHS Faculty, and Advisory Committee

**Results** \_\_\_\_\_ (date):

**Actions** \_\_\_\_\_(date):

**Second-Cycle Results** \_\_\_\_\_(date):