

**Program Outcomes (PROGRAM level)**

**MCC CTE Program : Heating, Ventilation & Air Conditioning Technology**

**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 a general understanding of EPA regulations as related to Air Quality or Refrigerants	HVAC 120	608 Test	ESCO 608 Exam	Fall/Spring	Program Coordinator	Program Coordinator, HVAC Faculty, Advisory
Demonstrate safe work practices	HVAC 109, 120, 135, 136, 225, 230, 240	Locally developed assignments & exams		Fall/Spring	Program Coordinator	Program Coordinator, Faculty, Advisory

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

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

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

**Program Outcomes (PROGRAM level)**

**MCC CTE Program : Heating, Ventilation & Air Conditioning 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 oral, written and technical skills	HVAC 111, 120, 135, 136, 201, 230, 235, 240	Assignments, Lab Journal and Service Reports	Lab Journal	Fall/Spring	Program Coordinator	Program Coordinator, Faculty, Advisory
Demonstrate appropriate interpersonal skills, written communication related to employment	INTE 124	Learning Log	Portfolio	Fall/Spring	Program Coordinator	Program Coordinator, Faculty, Advisory

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

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

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

### Program Outcomes (PROGRAM level)

#### MCC CTE Program : Heating, Ventilation & Air Conditioning Technology

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

Expected Student Outcome (Performance Criteria or Indicator)	Curriculum or Courses (Strategies)	Assessment Method(s)	Context for Assessment	Time of data collection	Assessment Coordinator	Evaluation of Results
Demonstrate skill using math equations	MATH 103, HVAC 111, 109, 120, 135, 136, 230, 235, 240	Exams, Labs, Projects		Fall/Spring	Program Coordinator	Program Coordinator, Faculty, Advisory
Analyze and interpret wiring schematics	HVAC 109, 135, 136, 240	Exams, Labs, Projects		Fall/Spring	Program Coordinator	Program Coordinator, Faculty, Advisory
Demonstrate troubleshooting skills in HVAC	HVAC 109, 136	Exams, Labs, Projects		Fall/Spring	Program Coordinator	Program Coordinator, Faculty, Advisory

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

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

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

**Program Outcomes (PROGRAM level)**

**MCC CTE Program : Heating, Ventilation & Air Conditioning Technology**

**CTE or Occupational Program Outcome:** The program will graduate individuals who exhibit competence in the entry-level skills of technical profession heating, ventilation & air conditioning 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>
Pass EPA 608 Type I & II	HVAC 120	Assignments, Exams	EPA 608 Exam	Fall/Spring	Program Coordinator	Program Coordinator, Faculty, Advisory

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

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

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