

Program Outcomes (PROGRAM level)

MCC CTE Program: Electric Utility Line Technician - Electrical

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

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 an understanding of OSHA regulations as used in industry	LINE 106 LINE 252	Locally developed assignments, rubrics, exams, field proficiency task certification	OSHA 10-hour Certificate LINE 106 LINE 252	Summer and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee
Demonstrate safe work practices in the classroom, lab settings, training field	INTE 110 LINE 104 LINE 106 LINE 215 LINE 210 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Locally developed assignments, rubrics, exams, field proficiency task	LINE 104 LINE 106 LINE 215 LINE 210 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Summer, Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty, INTE Faculty and Advisory Committee
Demonstrate correct procedures for installation of electrical equipment	INTE 110 LINE 241 LINE 237 LINE 250 LINE 251 LINE 252	Locally developed assignments, rubrics, exams, field proficiency task	LINE 241 LINE 237 LINE 250 LINE 251 LINE 252	Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee
Demonstrate ability to troubleshoot electrical problems	INTE 110 LINE 241 LINE 237 LINE 251 LINE 252	Locally developed assignments, rubrics, exams, field proficiency task	LINE 241 LINE 237 LINE 251 LINE 252	Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee

Results _____ (date):

Actions _____ (date):

Second-Cycle Results _____ (date):

Program Outcomes (PROGRAM level)

MCC CTE Program: Electric Utility Line Technician - Electrical

CTE or Occupational Program Outcome: Students will demonstrate professional oral and written communication 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 appropriate interpersonal skills required to explain job details, requirements and safety hazards to co-workers and supervisors.	CSIS 115 ENGL101 INTE 110 SPAN 100 LINE 104 LINE 210 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Leadership role in field, construction, Tailgate forms, demonstrate correct terminology at training field	CSIS 115 ENGL101 INTE 110 SPAN 100 LINE 104 LINE 210 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Summer, Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty GEN ED, INTE CSIS, SPAN Faculty and Advisory Committee
Demonstrate appropriate oral , written, and technical/electrical communication skills	CSIS 115 ENGL101 INTE 110 SPAN 100 LINE 104 LINE 210 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Written assignments/ tailgate forms, Portfolio	CSIS 115 ENGL101 INTE 110 SPAN 100 LINE 104 LINE 210 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Summer, Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE, GEN ED, CSIS, SPAN Faculty and Advisory Committee

Results _____ (date):

Actions _____ (date):

Second-Cycle Results _____ (date):

Program Outcomes (PROGRAM level)

MCC CTE Program: Electric Utility Line Technician - Electrical

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 mathematical equations to solve problems in the technical field.	MATH 103R MATH 104 INTE 110 LINE 210 LINE 215 LINE 237 LINE 241 LINE 250 LINE 252	Locally developed assignments, exams, labs, field proficiency task	MATH 103R MATH 104 LINE 210 LINE 215 LINE 237 LINE 241 LINE 250 LINE 252	Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty MATH Faculty INTE Faculty and Advisory Committee
Demonstrate skill in understanding the logical thinking skills needed in electrical troubleshooting	INTE 110 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Locally developed assignments, exams, labs, field proficiency task	LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty INTE Faculty and Advisory Committee
Demonstrate skill in understanding the logical thinking skills needed in Electrical Distribution Systems	INTE 110 LINE 104 LINE 106 LINE 210 LINE 215 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Locally developed assignments, exams, labs, and field proficiency task	LINE 104 LINE 106 LINE 210 LINE 215 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Summer, Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, INTE Faculty LINE Faculty and Advisory Committee

Results _____ (date):

Actions _____ (date):

Second-Cycle Results _____ (date):

Program Outcomes (PROGRAM level)

MCC CTE Program: Electric Utility Line Technician - Electrical

CTE or Occupational Program Outcome: The program will graduate individuals who exhibit competence in the entry-level skills required for Electric Utility Line Technician.

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 an understanding of basic Electrical Theory	LINE 106 LINE 105	Locally developed assignments, exams, labs, and field proficiency task	LINE 106 LINE 105	Spring and Fall Semesters	LINE Coordinator	INTE Faculty LINE Coordinator, LINE Faculty and Advisory Committee
Demonstrate ability to install electrical equipment using industry standards	INTE 110 LINE 210 LINE 215 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Locally developed assignments, exams, labs, and field proficiency task	LINE 210 LINE 215 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee
Demonstrate a basic understanding of transformer connection	LINE 237 LINE 252	Locally developed assignments, exams, labs, and field proficiency task	LINE 237 LINE 252	Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee
Demonstrate a basic understanding of Industry standard construction specifications	LINE 210 LINE 215 LINE 237 LINE 241 LINE 250 Line 251 LINE 252	Locally developed assignments, exams, labs, and field proficiency task	LINE 210 LINE 215 LINE 237 LINE 241 LINE 250 LINE 251 LINE 252	Fall and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee

Results _____ (date):

Actions _____ (date):

Second-Cycle Results _____ (date):

Program Outcomes (PROGRAM level)

MCC CTE Program: Electric Utility Line Technician - Electrical

CTE or Occupational Program Outcome: The program will graduate individuals who exhibit certified competence in electrical safety

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 an understanding safe climbing practices	LINE 104 LINE 252	Locally developed field proficiency task Climbing Qualified Certificate	LINE 104 LINE 252	Summer , Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee
Demonstrate ability to construct distribution systems off the pole with all Personal Protective Equipment and related safety requirements	LINE 241 LINE 250 LINE 252 LINE 251	Locally developed assignments, exams, labs, and field projects	LINE 241 LINE 250 LINE 252 LINE 251	Summer , Spring and Fall Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee
Demonstrate Basic understanding of CPR, Bucket Truck & Pole Top Rescue	LINE 104 LINE 252	CPR certification Hurt man Rescue assessment	LINE 104 LINE 252	Spring and Spring Semesters	LINE Coordinator	LINE Coordinator, LINE Faculty and Advisory Committee Heart of America CPR

Results _____ (date):

Actions _____ (date):

Second-Cycle Results _____ (date):