

**MORAINÉ PARK TECHNICAL COLLEGE
PROGRAM OUTCOMES WORKSHEET
2008-2009**

Program Name: Electricity
Program Number: 31-413-1
Required Exit Assessment: Electricity Program Assessment Outcome List

Student Name:
MPTC Student ID #:
Semester of Program Acceptance:

Program Learning Outcomes	
Analyze electrical circuits mathematically.	
413-350 <i>Electrical Concepts - Beginning</i>	Written Exam
Apply electrical codes.	
413-360 <i>Introduction to National Electrical Code</i>	Written Exam
413-361 <i>Intermediate National Electrical Code</i>	Written Exam
Demonstrate use of test instruments.	
413-350 <i>Electrical Concepts - Beginning</i>	Hands on Demonstration
Evaluate electrical circuits using meters.	
413-350 <i>Electrical Concepts - Beginning</i>	Hands on Demonstration
Follow construction safety practices.	
413-363 <i>OSHA Safety Construction Trades</i>	Written Exam
Install electrical equipment in a commercial setting.	
413-355 <i>Residential / Commercial Wiring Concepts</i>	Hands on Exam
Install electrical equipment in an industrial setting.	
413-380 <i>Industrial Wiring Concepts</i>	Hands on Exam
Install electrical equipment in a residential setting.	
413-355 <i>Residential / Commercial Wiring Concepts.</i>	Hands on Exam
Program a basic programmable logic control (PLC) circuit.	
413-365 <i>Motor Controls - Basic</i>	Hands on Exam
Use blueprints to evaluate construction work.	
413-370 <i>Construction Trades Blueprint Reading</i>	Written Exam
Wire a basic circuit to a programmable logic control (PLC).	
413-365 <i>Motor Controls - Basic</i>	Hands on Exam