

Student Name _____

High School or Vocational Center _____

COMPETENCY RECORD FOR ARTICULATION

Baker College of Muskegon

To successfully complete this course, all performance objectives must be fulfilled with a minimum score of 80%. This will be determined through testing and lab projects.

EET 111A ELECTRICAL TECHNOLOGY

Task	Satisfactory	Unsatisfactory
Measure current, resistance, and voltage in an electrical circuit with a digital multimeter (DMM).		
Use a computer based circuit program (i.e., MultiSim) to help analyze electrical circuits.		
Draw simple electrical circuits.		
Identify the symbols used in electrical circuits.		
Identify the components used in electrical circuits.		
Identify and properly use SI metric units.		
Use a scientific level calculator when mathematically analyzing a circuit.		
Design a relay ladder diagram.		
Design an electrical circuit using basic digital logic gates.		
List safety considerations when working with electricity.		
Prepare/write a professional lab report and research paper.		
Apply Ohm's Law and Kirchhoff's Laws to electrical circuits.		

Teacher signature _____ Date _____