

Student Name \_\_\_\_\_ Instructor Name \_\_\_\_\_

High School or Vocational Center \_\_\_\_\_ Grade \_\_\_\_\_

**COMPETENCY RECORD FOR ARTICULATION**  
**Muskegon Community College**  
**Applied Technology**

Please check below each skill the student has mastered as described, with 80 percent accuracy, or with an A or B grade. The skills needed for articulation of each course are listed.

**ELTC101A L&L**  
**Basic Electricity**  
**4 Credit Hours**

Task	Satisfactory	Unsatisfactory
Properly use wire strippers for various size wires		
Solder stranded wires together		
Solder stranded wires to terminal connectors		
Measure resistance of resistors using various meters		
Perform continuity checks on various electrical components		
Wire DC simple circuits and measure current/voltage		
Measure resistance of resistors in series		
Measure resistance of resistors in parallel		
Wire DC series circuits and measure current/voltage		
Wire DC parallel circuits and measure current/voltage		
Wire DC combination circuits and measure current/voltage		
Wire AC series circuits and measure current/voltage		
Wire AC parallel circuits and measure current/voltage		
Wire AC combination circuits and measure current/voltage		
Wire AC series circuits and use a function generator to set frequency and amplitude		
Wire Transformers and measure current/voltage		
Wire Diode circuits and measure current/voltage		
Wire Inductor circuits and measure current/voltage		
Wire Capacitors circuits and measure current/voltage		
Wire Relay circuits and measure current/voltage		

Instructor's Signature \_\_\_\_\_ Date \_\_\_\_\_