

Student Name _____ Instructor Name _____

High School or Vocational Center _____ Grade _____

COMPETENCY RECORD FOR ARTICULATION
Muskegon Community College
Introduction to Food Science and Process

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.

ELTC-103
Residential Wiring
3 Credit Hours

Task	Satisfactory	Unsatisfactory
Interpret electrical blueprints.		
Layout and construct common switch control circuits used in residential wiring.		
Determine electrical conductor ratings based on the NEC.		
Calculate electrical box sizes given cable sizes and the number of conductors.		
Perform rough-in wiring procedures		
Interpret critical manufacturers' data found on indoor and outdoor light fixtures.		
Describe the operation of GFCI and AFCI devices.		
List all locations requiring GFCI and AFCI devices.		
Describe the operation of smoke detectors		
List all locations requiring smoke detectors		
Install GFCIs and smoke detectors		
Demonstrate all receptacle outlet requirements in a residence		
Calculate service entrance conductor sizes		
Solar Grid-Tie Installations, NEC requirements		
Layout and install coaxial cable for CATV systems, ethernet cable, telephone cable.		

Instructor's Signature _____ Date _____