

Student Name _____ Instructor Name _____

High School or Vocational Center _____ Grade _____

COMPETENCY RECORD FOR ARTICULATION
Muskegon Community College
Computer Aided Drafting and Design

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.

TECH 201A
INTRODUCTION TO MECHATRONICS
3 Credit Hours

Task	Satisfactory	Unsatisfactory
Use the tools necessary to wire, build, and troubleshoot electric control systems		
Use the tools necessary to design and build a mechanical assembly		
Describe 5 types of Manufacturing Processes		
Wire various sensor to controllers and verify operation		
Describe various parts of a control system		
Program a microcontroller		
Program a robot		
Describe basics of gears and pulleys		
Design and 3D print an assembly		

Instructor's Signature _____ Date _____