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.

TMAT-102A
Technical Math II
3 Credit Hours

Task	Satisfactory	Unsatisfactory
Use the addition, subtraction, multiplication & division properties of equality to solve simple linear equations with variables on both sides, parentheses & fractions		
Solve application problems using linear equations		
Solve formulas for a given letter		
Substitute data into formulas to solve for a value		
Solve application problems involving ratios, rates & proportions		
Find ordered pairs of numbers that are solutions to a linear equation with two variables & graph the equation by plotting points in a number plane		
Find the slope of a line		
Determine when two lines are parallel, perpendicular or neither by finding the slopes of the lines		
Graph a linear equation given its slope & y intercept or given its slope & a point on the line		
Find the mean, median & mode of a data set		
Find & use percentiles to describe ranked data		
Find the range & sample standard deviation of a set of data		
Find the sample standard deviation of a set of grouped data		
Apply the basic definitions and relationships for angles, lines, and geometric figures to solve application problems		
Find the area and perimeter of quadrilaterals and triangles		
Use the Pythagorean theorem to find the side of a right triangle when two sides are known		

Task	Satisfactory	Unsatisfactory

Instructor's Signature_____Date_____