South Central College

CULN 1102  Culinary Math

Course Outcome Summary

Course Information

Description  Students will learn standard units of measurements and unit conversions, recipe scaling, percentages, rounding, and yield tests as they relate to the food service industry. (Prerequisite: Accuplacer Arithmetic score of 56 or higher OR MATH 0075 with a grade of C or higher)

Total Credits  1
Total Hours  16

Types of Instruction

Instruction Type  Lecture  Credits/Hours
Credits/Hours  1/16

Pre/Corequisites

Accuplacer Arithmetic score of 56 or higher OR MATH 0075 with a grade of C or higher

Institutional Core Competencies

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. Practice units of measurement used with liquids and weight
   Learning Objectives
   Identify the types measurement used for liquids: teaspoons, tablespoons, cups, pints, quarts, gallons, liters, ounces, etc.
   Identify the types of measurement used for dry ingredients: teaspoons, tablespoons, cups, pints, quarts, gallons, ounces, etc.

2. Apply unit conversions using rounding and percentages
   Learning Objectives
   Approximate ingredients by using rounding skills
   Calculate percentages used for yield testing, recipes, scaling, and food and labor costs

3. Apply yield testing concepts to calculate yield
Learning Objectives
Apply formulas to calculate yields
Perform yield conversions on three different foods

4. **Conduct recipe conversions**

   Learning Objectives
   Convert recipes up to the group size desired
   Convert recipes down to the group size desired
   Calculate new yield with portion size changes

**SCC Accessibility Statement**

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: [www.southcentral.edu/disability](http://www.southcentral.edu/disability)

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.