



South Central College

## CULN 1102 Culinary Math

### Course Outcome Summary

#### Course Information

<b>Description</b>	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)
<b>Total Credits</b>	1
<b>Total Hours</b>	16

#### Types of Instruction

Instruction Type	Credits/Hours
Lecture	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.