

Spokane Community College

COURSE LEARNING OUTCOMES (CLO) AND OUTLINE

Course Title: Hospitality Math

Prefix and Course Number: HM 112

Version Date: 1/3/2022

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Demonstrate ability to apply basic equations to solve kitchen and baking problems
- Demonstrate ability to add mixed measurements together
- Calculate recipe and baking ratios

Course Outline:

- I. Introduction to Kitchen Math
 - a. Review of addition, subtraction, multiplication and fractions
 - b. Decimals and Percentages

- II. Measurements
 - a. Imperial vs metric
 - b. Weight vs Volume

- III. Common Algebra Formulas applied in Culinary Math
 - a. Yield percentages
 - b. As Purchased vs Edible Portion costs
 - c. Calculating recipe

- IV. Conversion factors
 - a. Converting recipe sizes
 - b. Baker's formula