CUA100 Culinary Math Syllabus

Course Information

Credits 4
Campus Washburn Institute of Technology
Address 5724 SW Huntoon
City/State/Zip Topeka, Kansas 66604
Office Fax 785-273-7080

Description
This course develops students' math skills that are vital to the food service industry. These skills include working with conversions of weights, measuring and calculating food cost, portion costs, labor control, and portion control which are all vital skills in becoming a great chef.

Textbooks

Student Learning Outcomes:
A. Demonstrate responsible work ethics.
B. Communicate effectively.
C. Integrate technology.
D. Learn effectively.
E. Demonstrate cooperative/teamwork skills.
F. Apply safety.
G. Think creatively.

Competencies
1. Perform basic math operations with whole numbers, fractions and decimals and percentages.
2. Convert between different units of measurement for weights and volumes.
3. Convert mixed units of measure.
4. Identify when to use approximate volume to weight chart.
5. Calculate the Edible Portion Quantity given the As-purchased Quantity.
6. Identify factors that might affect yield.
7. Calculate food costs
8. Determine portion cost for foods produced.
9. Calculate food and labor costs and cost percentages
10. Calculate menu prices with food costs percentage goals
11. Convert recipe yields in portion size and numbers.
12. Calculate recipe size conversions

Guidelines for Success

Assessment Plan
Assessment is an integral part of the educational process at Washburn Tech and accurate feedback is an important tool in continuously improving the institution’s technical programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

Grading Rationale:

Students will be assessed over all chapters covered in the class texts. These assessments represent 50% of the overall grade. The other 50% of the grade results from the students' timely completion of workbook assignments along with any quiz and prep sheet grades (20%), and their daily participation grade (30%). The daily participation grade consists of the student receiving 2 points per day.

Points may be subtracted from the total for being absent, tardy, or missing from class without permission, inappropriate behavior, or simply not participating as assigned. More than 2 points per day may be deducted, at the instructor's discretion.

At the end of each semester, a written general knowledge exam will be given to assess fundamental knowledge in food preparation. Any student not passing this exam (C or better) will receive a D in the final (3 credit or more) course of that semester. A minimum grade point average of 2.0 must be maintained along with an attendance rate of at least 90%, for continued participation in the culinary arts program or to receive a certificate of completion in the program.

Grading Scale
Above 90% = A
80 - 90% = B
70 - 80% = C
60 - 70% = D
Below 60% = F

Attendance
Attendance is tracked over the course of the entire program, with only eight hours of attendance may be made up for any reason throughout the program. Hours of attendance are based on complete hours of attendance; after the two (10 minute or less) allowed tardies, any tardy or portion of an hour missed counts as a complete hour of attendance missed. Any student missing from class without permission will be counted absent for that hour.Workbook assignments may ONLY be made up by the student contacting the instructor ON the day they return to school after missing an assigned workbook day and showing the instructor their completed workbook. Missed tests must be made up during the course in which they occur.
Disability

The Special Support Services (SSS) Office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Institute of Technology for persons with disabilities. Qualified students with disabilities MUST register and provide documentation with the office to be eligible for services. New requests for accommodations should be submitted two months or more prior to the date services should begin; however, contact the SSS Office as soon as a need may arise. Depending on the accommodation request, four to eight week lead time may be needed for timely and effective provision of services. SSS coordinates and assist in arranging services it deems appropriate of eligible students on a case-by-case basis.

If you are a student with a disability that may substantially limit your ability to participate in this class and believe you will need accommodations, it is your responsibility to contact:

Special Support Services Coordinator
Phone: 785-228-6356
E-Mail: sssordinator@washburntech.edu