

Minnesota

Articulated College Credit Agreement

www.CTEcreditMn.com

Articulated College Credit Agreement

Through Articulated College Credit (ACC), specific college curriculum learning outcomes and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school courses. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed below requiring the course in a specific program.

Agreement Name

Culinary Calculations

Agreement Reviewed/Revised

2024 – 2025

These credits are valid for students in grades 9-12 for 5 years from the completion of this course.

| College | College Course | College Programs | ACC |
|----------------------------|----------------------------------|--|---------------|
| Hennepin Technical College | CULA1000 – Culinary Calculations | <ul style="list-style-type: none">• Culinary Arts (A.A.S. – 65 cr.)• Culinary Entrepreneur (A.A.S. – 60 cr.)• Culinary Assistant (Occ. Cert. – 17 cr.) | 1 of 1 credit |

Course Description

Functions with whole numbers, fractions, decimals, and percentages are covered and applied to food service problems. Special problems of menu pricing, food costs and their percentages, recipe conversions, labor costs, and payroll deductions.

Course Outcomes

100% of the curriculum learning outcomes will be covered in the high school course(s) by qualified CTE high school instructor(s). Outcomes include:

- Review basic arithmetic, whole numbers, fractions (improper and proper), multiplication, and symbols of operation
- Perform recipe yield conversions
- Perform the process of recipe costing
- Determine the selling price of menu items
- Calculate food costs, beverages costs, labor costs, and percentages
- Describe a profit and loss statement

Course Instruction

The scheduled hours of instruction include sixteen hours for each lecture credit. Lecture credit may include formal or impromptu lectures, demonstrations, or discussions with the entire class or with small groups or individuals.

Course Assessments

Students must successfully achieve an overall score of **80% or better** on the assessment and a passing grade in the high school course in order to receive an Articulated College Credit Certificate.

The skills involved in solving the problem on these skill tests include:

- Basic Mathematics
- Units of Measure
- Purchasing Function and its Relationship to Cost
- Inventory Management
- Menu Pricing
- Simplified Mathematics and Computers in Food Service

Student guides can be accessed at www.CTEcreditMN.com

| Content Goal | Assessments | Evaluation |
|---|---|------------|
| To demonstrate ability to use mathematics in food service | Students will prove competency in the following areas: <ul style="list-style-type: none">• Basic Mathematics• Units of Measure• Purchasing Function and its Relationship to Cost• Inventory Management• Menu Pricing• Simplified Mathematics and Computers in Food Service | Scores: |