



Articulation Agreement Course Competencies and Provisions

BUS161 Business Calculators

2 Credits

Prerequisite: Math placement of MPC090. Touch-control training on the ten-key electronic display/ printing calculator. Basic functions, development of proficiency with proration, percentage, interest, discount, present value, and profit computations.

NOTE: This articulation is a 1 year trial for the following schools:

- Ephrata HS
- Lake Roosevelt HS

PROVISIONS

1. BBCC will waive the MPC090 prerequisite while the student is enrolled in the articulated high school business calculator course.
2. Student must be enrolled in the required high school class.
3. Student must register for Tech Prep/Dual Credit articulated course during the same academic year the high school class is completed. If a series of courses are involved in the articulation, students register for credit during the same academic year the last course in the series is completed. **Students cannot earn “retroactive credit” for courses taken in previous years.**
4. Student must receive an A or B grade (minimum 2.9 or better) and complete all competencies.
5. All required Tech Prep forms must be sent to BBCC **within 30 days** of high school course completion.
6. Teachers must assign student grades and credits **within 30 days** of high school course completion.

COMPETENCIES

At the completion of this course student will be able to demonstrate the ability to:

1. Operate a ten-key electronic display/printing calculator using the “touch” method
2. Demonstrate use of the following functions or keys:
 - Accumulative multiplication
 - Accumulative division
 - Constant function
 - Exchange key or storage/memory function
3. Solve the following types of problems using the electronic calculator
 - Simple addition, subtraction, multiplication and division

- Problems dealing with decimals, mixed numbers, fractions and percentages
- Simple interest, bank discount, maturity value and present value, and compounding interest
- Compute trade discounts and cash discounts
- Merchandising problems dealing with: selling price, cost price, percent of markup computed on sales, cost and markdown.
- Raising a number to a Power