

BUSINESS MATH I

Pierce County Careers Connection
Dual Credit Articulation Agreement

Upon completion of high school courses equivalent to the following competencies:

- Given problems involving addition, subtraction, multiplication and division of whole numbers, fractions and/or decimals, either in columnar form or as word problems, calculate the correct amount required.
- Convert numbers between fractions and decimal representation.
- Given various information about a bank checking account, calculate the balance in the account and reconcile the bank statement to the check register.
- Set up an equation with mathematical symbols and operators to describe conditions of a problem and solve for the unknown.
- Convert fractions or decimals to percents and vice versa.
- Solve problems using percentage, rates, portions and base amounts.
- Calculate trade discounts, net price and single equivalent discount rates given problems with the price and various discounts applicable.
- Compute the cash discounts and net amounts due given specific shipping and credit terms.
- Calculate the cost, mark-up, selling price or percent mark-up when mark-up is based on either cost or selling price.

Note:

*** Students may earn credit for ACTG 120 at CPTC for either Business Math I OR Business Math II*

A student earning a "B" grade or better may earn college credit at the following college:

| <u>College</u> | <u>Course</u> | <u>Credits</u> |
|----------------------------------|------------------------------|----------------|
| ** Clover Park Technical College | ACTG 120 (CIP Code: 52.0302) | 2 |