

# Quantitative Methods (QM)

## Quantitative Methods (QM) Classes

### QM 108 : Quantitative Methods for the Trades

**Credits:** 3

**Class Hours:** 3 lecture

**Comments:** This course is for students currently enrolled in a Trades Technology program.

**Description:** This course covers the quantitative methods, reasoning, and applications necessary to perform tasks and solve problems encountered by Trades students. Topics include computational operations; geometry and measurements; ratio, proportion, and percent; probability and statistics; and trigonometry.

**Semester Offered:** Fall, Spring

**Course Student Learning Outcomes (CSLOs):**

1. Calculate and interpret ratios and percentages.
2. Calculate probabilities, and statistics that arise in Trades Technology.
3. Apply trigonometric ratios to solve right triangle problems.
4. Solve problems using quantitative calculations applied in trades technology.