

# QM 107C: Quantitative Methods in Automotive Tech

This course covers the quantitative methods, reasoning, and applications necessary to perform tasks and solve problems encountered by automotive technologists. The quantitative methods covered include computational operations; geometry and measurement; ratio, proportion, and percent; statistics and probability; and trigonometry. Applications include major automotive systems such as engines, drive train, chassis, and suspension. QM 107C is designed for the Automotive Technology program's degree and certificates, but does not satisfy the Foundation-Quantitative Reasoning (FQ) core requirement of an Associate in Arts degree.

**Credits:** 3

**Prerequisites:**

Placement in QM 107C

or

concurrent enrollment in QM 78

or

Instructor approval

**Recommended Prep:**

Basic computer, internet, and keyboarding skills

English and math skills at the high school common core level