

# MAS 171: Residential/Commercial

This course provides application of residential and commercial techniques for plans and layouts, as well as brick veneer, composite walls, expansion joints, and moisture control. Emphasis is placed on developing skill in reading residential and commercial drawings and applying specifications to acceptable code standards, job costing, job preparation, and brick and block moisture control. Upon completion, the student should be able to demonstrate use of scaling rule for a set of plans, identify and sketch standard symbols for walls, openings, floors, and materials, estimate job costs according to plan, utilize appropriate methods to ensure moisture control, lay brick and block to the line, and build brick and block foundations to entry level standards.

**Credits:** 3

**Program:** [Masonry/Building Trades](#)