

**Mathematics 180**  
**Critical Thinking Through Applications of**  
**Mathematical Logic**  
**(4 units)**

This course fulfills the Critical Thinking (A.4) requirement in the Basic Skills Category of the CSUSB General Education Program. The University expects students who successfully complete this requirement to be able to:

**Goal 1: Recognize multiple discourse strategies.**

**Goal 2: Identify explicit and implicit components of arguments.**

**Goal 3: Distinguish different kinds of arguments.**

**Goal 4: Evaluate the quality of reasoning.**

**Goal 5: Evaluate the soundness of reasoning.**

**Goal 6: Construct valid and sound written and oral arguments.**