

**Department:** Mathematics

**Course No:** MATH 2710

**Title:** Transition to Advanced Mathematics

**Credits:** 3

**Contact:** David Gross

**WQ:** Q

**Catalog Copy:** Either semester. Three credits. Recommended Preparation: MATH 1132Q or 1152Q. Students intending to major in mathematics should ordinarily take this course in the third or fourth semester. Basic concepts, principles, and techniques of mathematical proof common to higher mathematics. Logic, set theory, counting principles, mathematical induction, relations, functions. Concepts from abstract algebra and analysis.