# Badawi-MTH111-Syllabus

**MTH 111: Spring 2025, MW: 11—12:15, Nab 09**

**Ayman Badawi, and Office Hours: Nab 262, from 14 to 15:15 MW, and TR from 12:40--13:40. Others are available by appointment. Please email me at abadawi@aus.edu.**

**Weekly quizzes (every Wednesday, 20%), Exam one (25%, March 5, in class); Exam two(25%, April 16, in class); and Final (30%, TBA): no make-up quizzes or exams. The lowest score on a quiz will be dropped.**

Introduces the topics of geometry and calculus needed for architecture. Reviews trigonometry, areas and volumes of elementary geometric figures, and the analytic geometry of lines, planes, and vectors in two and three dimensions. Covers differential and integral calculus, including applications on optimization problems, areas, and volumes by integration. Restricted to CAAD

## Required:

Class notes are the primary source. Class notes (very crucial), and Materials posted on I-Learn , and my personal webpage (for old quizzes, exams, and finals, see http://ayman-badawi.com/MTH%20%20111.html )

sources.

A>=93,

89 <= A- < 93

86<= B+ < 89,

81 <= B < 86,

77<= B- <81,

73<= C+ <77,

66 <= C <73,

60<= C- <66,

50 <= D < 60,

F < 50.

**It is considered an academic integrity violation to represent the output of a generative artificial intelligence tool as your own work.**