

Simple- Badawi-MTH221-Syllabus

MTH 221, Summer 2024. MTWR: 12—1:45pm, Art-room 209, and MTWR: 2—3:45pm, Art-room 208.

Ayman Badawi, and Office Hours: Nab 262, from 11:20am to 11:50am MTWR; others are available by appointment. Email me at abadawi@aus.edu.

Exam I (22%, June 13, in class), Exam 2(22%, July 2, in class), Exam 3 (22%, July 15, in class) and Final (34%, TBA): no make-up exams.

We will cover systems of linear equations, algebra of matrices, linear transformations, determinants, vector spaces, inner product spaces, eigenvalues and eigenvectors, diagonalization and orthogonality, and special matrices.

Required: Badawi- Class- Notes, materials on I-Learn, essential old quizzes (with solution), notes, and exams (with solution) on the MTH 221 webpage

[Web Templates by JSWebDesign \(ayman-badawi.com\)](http://www.ayman-badawi.com)

See the [official syllabus](#) for optional sources.

$A \geq 92$, $88 \leq A^- < 92$, $85 \leq B^+ < 88$, $81 \leq B < 85$, $77 \leq B^- < 81$, $73 \leq C^+ < 77$,
 $67 \leq C < 73$, $60 \leq C^- < 67$, $50 \leq D < 60$, $F < 50$.

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