

# COURSE SYLLABUS – MAS 2103

**TITLE:** Honors Matrix Theory

**CREDIT HOURS:** 3

**TEXT:** *Linear Algebra – Foundations to Frontiers*

<https://courses.edx.org/courses/course-v1:UTAustinX+UT.5.05x+2T2019/course/>

**PROFESSOR:** Dr. Warren Wm. McGovern

**OFFICE & PHONE:** HC 101 & 6-8028

**OFFICE HOURS:** by email or by appointment

**Prerequisite:** MAC 2311 or MAC 2281 or placement.

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**CONTENT and OBJECTIVES:** Vectors and vector spaces. Linear transformation and matrices. Rank and determinants. Systems of linear equations. Diagonalization. Characteristic values.

**EVALUATION:** The student will be expected to complete the edx course found at the website above. The student should register for the course and begin working on it. On completing specific sections, the student will be able to request a time to take a test on those sections.

Completing the course will be will count towards 25% of their final grade, while each exam will also be worth 25%.

**POLICY ON ACCOMMODATIONS:** In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses -- Boca Raton, SU 131 (561-297-3880); in Davie, LA 131 (954-236-1222); in Jupiter and all Northern Campuses, SR 111F (561-799-8585). Disability services are available for students on all campuses. For more information, please visit SAS website at <http://www.fau.edu/sas/>.

**Counseling and Psychological Services (CAPS) Center:** Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>

**CODE OF ACADEMIC INTEGRITY POLICY STATEMENT:** Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see University Regulation 4.001 and the WHC Academic Honor Code at <http://www.fau.edu/honors/academics/honor-code.php>.

**Collaboration and the Honor Code:** You are expected to adhere to the Honor Code (see [HC Honor Code](#) and [FAU Honor Code](#)).