Mathematics

MATH 415  **Applied Linear Algebra**  credit: 3 or 4 hours.
Introductory course emphasizing techniques of linear algebra with applications to engineering; topics include matrix operations, determinants, linear equations, vector spaces, linear transformations, eigenvalues, and eigenvectors, inner products and norms, orthogonality, equilibrium, and linear dynamical systems. 3 or 4 undergraduate hours. 3 or 4 graduate hours. Credit is not given for both MATH 415 and any of MATH 125, MATH 225, MATH 410, or MATH 416. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241 or consent of instructor.

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Credit Hours: 3 hours
During early registration, Math 415 is restricted to majors specifically requiring the course. Restrictions will be removed during the business day on November 16, 2017. Students not already in those majors are welcome to register as soon as the restrictions have been removed.

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Credit Hours: 3 hours
Restriction removed November 16, 2017.
During early registration, Math 415 is restricted to majors specifically requiring the course. Restrictions will be removed during the business day on November 16, 2017. Students not already in those majors are welcome to register as soon as the restrictions have been removed.

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Credit Hours: 3 hours
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