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Solving Problems in Dynamics and Vibrations Using MATLAB

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ME542 Vehicle Dynamics-Lecture 1- 5 Course Requirements • Prerequisites - Knowledge in Newtonian Dynamics (ME240 level) is essential -That of Automotive Engineering (ME458) and Intermediate Dynamics (ME440) are helpful but not required. - Familiarity with Matlab/Simulink, since Matlab/Simulink

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Machine Dynamics with MATLAB | edX

Designed for first-year graduate-level students or as a senior course in dynamics for students in engineering and physics, Fundamentals of Dynamics and Analysis of Motion is useful as a self-study or reference book. Prerequisites include previous courses in statics, calculus, and basic ordinary differential equations.

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