Course Details  ME-7153 Advanced Vibrations  
http://me.lsu.edu/~ram/  
Spring 2015

Lecturer  Dr. Yitshak Ram  
CEBA 2513D  
Tel. 8-5905

Office Hours  Tuesday 10:30-11:30  
Thursday 10:30-11:30

Content  Modeling and response of vibratory systems; Wave propagation and reflection; Inverse problems; Dynamic absorption; Active vibration control; Modal analysis; Numerical methods for estimating natural frequencies and mode-shapes

Selected Journal Papers

Assessment  20% Assignments  
30% Mid-term test  
50% Final Examination

Grades  A (85-100), B (75-84), C (65-74), D (55-64), F (0-54)  
The bar for the various grades may be lower to compensate for challenging test(s)