MCHE 485: Mechanical Vibrations
Spring 2019 Syllabus

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Lecture: CLR Room 311, Tuesday & Thursday, 12:30pm – 1:45pm

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Course Description:
Analytical and laboratory investigations of single and two degree
of-freedom systems. Design of vibration dampers. Introduction of
multi-DOF systems and modal analysis.

Prerequisites:
ENGR 313, MATH 350, MCHE 301

Grading: Homework 10%
Mid-Term Exams 40%
Projects 20%
Final Exam 30%

Academic Honesty:
An essential rule in every class of the University is that all work for which
a student will receive a grade or credit be entirely his or her own or be
properly documented to indicate sources. When a student does not follow
this rule, s/he is dishonest and s/he defeats the purpose of the course and
undermines the goals of the University.

Code of Conduct:
In this class, we value everyone’s participation, we strive for transparency
and inclusion, and we promote collaboration. Furthermore, we want every
student to have a rewarding, fruitful learning experience. To achieve this, everyone is expected to show courtesy and respect towards each other. Therefore, the following Code of Conduct is agreed upon by those taking this course:

- All communication should be appropriate for a professional audience including people of many different backgrounds.
- We will not tolerate harassment, in person or online. Harassment refers to offensive verbal or written comments in reference to gender, sexual orientation, disability, physical appearance, body size, race, or religion; sexual images in public spaces; deliberate intimidation; stalking; harassing photography or recording; sustained disruption of class meetings; inappropriate physical contact; and unwelcome sexual attention.
- Be kind to others. Do not insult or put down other class members.
- Behave professionally. Avoid jokes that could be interpreted as sexist, racist, or exclusionary.

If you feel someone is violating the code of conduct, speak up and respectfully remind them of it. If the behavior persists, then email the course instructor explaining the situation. If you would like to keep your communication anonymous, you may use a service like AnonymousEmail.me. We may not be able to reply to anonymous complaints, but we will fully investigate them and take action as necessary. If you feel that you are in immediate danger, please contact the University of Louisiana at Lafayette police.

This code of conduct was adapted from those found at http://www.ucs.louisiana.edu/~jev9637/Code_of_Conduct.html, http://ivory.idyll.org/lab/coc.html, and http://github.com/leftlogic/confcodeofconduct.com, which themselves were patterned after those of the Ada Initiative and JSConf.

Change Log: 01/08/19 – Initial version