

MATH-3113 PARTIAL DIFFERENTIAL EQUATIONS II
MATH-3133 METHODS MATH PHYSICS II
WINTER 2019

Instructor: Prof. Xin Yang LU

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Classes: MWF 4:30-5:30 RB2044

Office Hours: MW 1.00-2.00 in RB2015, or by appointment via email

DESCRIPTION

- **Textbook:** *Mathematical Methods for Physics and Engineering, 3rd edition* by Riley, Hobson, and Bence. Recommended but not required. Chapters to be covered: 20—22, and eventually 28, 29.
- **Assignments:** 2 take home assignments, each counting for 20% of the final grade.
- **Final Exam:** There will be a formal final exam which will count for 60% of the final grade. There will be *NO* 100% final option.
- **Practice problems:** Practice problems will be periodically posted on MyCourseLink during the semester. Such problems will have solutions, but will not be graded, nor they count toward the final grade.
- **Policies:**
 - Important announcements will be made through mycourseslink and by e-mail to registered students via MyCourseLink. You are responsible for reading the info posted on MyCourseLink.
 - I attempt to reply to e-mail in a timely fashion, but do not expect immediate responses. In all email you send me make sure to add MATH3113 or MATH3133 in the subject line.
 - You are urged to read the textbook. Should you miss a lecture, you are responsible for making up any material covered in class.
- **Academic Dishonesty:** All cases of academic dishonesty will be dealt with according to the university's Code of Student Behavior and Disciplinary Procedures, copies of which are available from the university's web-site.
- **Accommodations:** Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please visit: <http://studentaccessibility.lakeheadu.ca>