Mathematics

MATH 285  **Intro Differential Equations**  credit: 3 hours.

Techniques and applications of ordinary differential equations, including Fourier series and boundary value problems, and an introduction to partial differential equations. Intended for engineering majors and others who require a working knowledge of differential equations. Credit is not given for both MATH 285 and any of MATH 284, MATH 286, MATH 441. Prerequisite: MATH 241.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning II

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<th>CRN</th>
<th>Type</th>
<th>Section</th>
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<td>B1</td>
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<td>MWF</td>
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<td>This section incorporates the use of technology through Mathematica assignments. See <a href="http://www.math.uiuc.edu/timetable/">http://www.math.uiuc.edu/timetable/</a> for details.</td>
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Quant Reasoning II course.

This section will be run in a blended fashion. Some of the course content will be delivered online. Classroom meetings will be dedicated to problem solving (1 hour a week in small classes) and auxiliary discussions (1 hour a week).