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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>34331</td>
<td>Lecture-Discussion</td>
<td>D1</td>
<td>11:00 AM - 11:50 AM</td>
<td>MTWRF</td>
<td>243 - Altgeld Hall</td>
<td>Carty, T</td>
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<tr>
<td></td>
<td>Lecture-Discussion</td>
<td>D1</td>
<td>12:00 PM - 12:50 PM</td>
<td>W</td>
<td>243 - Altgeld Hall</td>
<td>Carty, T</td>
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</tbody>
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Quantitative Reasoning II course.

38310  Online | ONL | ARRANGED - | - | Carpenter, B

Quantitative Reasoning II course.

This section has an online format and requires access to Mathematica-based courseware. Students will receive information about how to sign up for an account in Mathable ($99) after enrollment in the course. This course contains multiple paper-based exams that must be taken with an approved proctor. Exams may be taken on campus with NetMath proctoring; for off-campus options see https://netmath.illinois.edu/offcampus. Off-campus proctors must be able to scan completed exams and email them to NetMath for grading, as well as mailing the paper exam back for archival purposes. A 16-week self-paced version of this class is also available as part of the academic year term (not summer term). Registration for the self-paced class is done through https://netmath.illinois.edu/Register (not Self-Service). Please contact netmath@illinois.edu with any questions.