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>38310</td>
<td>Online</td>
<td>ONL</td>
<td>ARRANGED -</td>
<td>-</td>
<td>-</td>
<td>Carpenter, B</td>
</tr>
</tbody>
</table>

Quantitative Reasoning II course.
MATH 285 ONL Intro Differential Equations 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 CAS-ILE ($99) after enrollment in the course. This course has multiple exams that will be administered online. Please contact netmath@illinois.edu with any questions. 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/college (not Self-Service).