Mathematics

**MATH 286  Intro to Differential Eq Plus**  credit: 4 hours.

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

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

<table>
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<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>51355</td>
<td>Lecture-Discussion</td>
<td>E1</td>
<td>01:00 PM - 01:50 PM</td>
<td>MTWR</td>
<td>165 - Everitt Laboratory</td>
<td>Tao, L</td>
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<td>Udrea, B</td>
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<td>51204</td>
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<td>106B8 - Engineering Hall</td>
<td>Kavruk, A</td>
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Quant Reasoning II course.
This section incorporates the use of technology through Mathematica assignments. See http://www.math.uiuc.edu/timetable/ for details. Registration is restricted to students majoring in Electrical and Computer Engineering until the morning of April 29, 2014. Students interested in transfer to ECE should be in contact with ece-advisor@illinois.edu. A few seats are being held for new transfer students and will not be released until the Friday before classes start.