Mathematics

MATH 490  **Advanced Topics in Mathematics**  credit: 1 TO 4 hours.
Deals with selected topics and applications of mathematics; see Class Schedule or department office for current topics. May be repeated with approval. Prerequisite: Consent of instructor.

<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>47287</td>
<td>Online</td>
<td>AGC</td>
<td>ARRANGED</td>
<td>-</td>
<td>-</td>
<td>Peressini, A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Woods, D</td>
</tr>
<tr>
<td>41817</td>
<td>Online</td>
<td>CIS</td>
<td>ARRANGED</td>
<td>-</td>
<td>-</td>
<td>Peressini, A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Woods, D</td>
</tr>
<tr>
<td>49587</td>
<td>Online</td>
<td>DDS</td>
<td>ARRANGED</td>
<td>-</td>
<td>-</td>
<td>Peressini, A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Woods, D</td>
</tr>
<tr>
<td>49576</td>
<td>Online</td>
<td>DGG</td>
<td>ARRANGED</td>
<td>-</td>
<td>-</td>
<td>Peressini, A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Woods, D</td>
</tr>
<tr>
<td>49528</td>
<td>Online</td>
<td>DGS</td>
<td>ARRANGED</td>
<td>-</td>
<td>-</td>
<td>Peressini, A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Woods, D</td>
</tr>
<tr>
<td>40673</td>
<td>Online</td>
<td>FC</td>
<td>ARRANGED</td>
<td>-</td>
<td>-</td>
<td>Peressini, A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Woods, D</td>
</tr>
<tr>
<td>41731</td>
<td>Online</td>
<td>MMC</td>
<td>ARRANGED</td>
<td>-</td>
<td>-</td>
<td>Peressini, A</td>
</tr>
</tbody>
</table>

Credit Hours: 1 hours
Geometric Constructions
Geometric Measurement Formulas - A Teacher's Perspective. Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu. This section is for CTU students.

Credit Hours: 1 hours
Algebra through Modeling
Algebra Through Modeling with the TI-82 Graphing Calculator. Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu. This section is for CTU students.

Credit Hours: 1 hours
Discrete Dynamical Systems
Module 11: Discrete Dynamical Systems for Mathematics Teachers. Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu. This section is for CTU students.

Credit Hours: 1 hours
Dynamic Geometry w/SketchPad
Dynamic Geometry with Geometer's SketchPad. Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu. This section is for CTU students.

Credit Hours: 1 hours
Using the Geometers SketchPad
Using the Geometers SketchPad. Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu. This section is for CTU students.

Credit Hours: 1 hours
Using Fathom in the Classroom
Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu. This section is for CTU students.
Credit Hours: 2 hours
Using Mathematica in Classroom
Module 3 - Using Mathematica in the Mathematics Classroom. Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu. This section is for CTER students.