Computer Science

CS 450  Intro to Numerical Analysis  credit: 3 OR 4 hours.
(C S 350) Introduction to numerical analysis, including linear system solvers, optimization techniques, interpolation and approximation of functions, solving systems of nonlinear equations, eigenvalue problems, least squares, and quadrature; numerical handling of ordinary and partial differential equations. Same as CSE 401, ECE 491, and MATH 450. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CS 101 or CS 125; CS 257 or MATH 415; one of MATH 385, MATH 386, MATH 441; or 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>31427</td>
<td>Lecture-Discussion</td>
<td>B3</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>2251 - Vet Med Basic Sciences Bldg</td>
<td>Bond, S</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours

| 31430| Lecture-Discussion    | B4      | 09:00 AM - 09:50 AM| MWF  | 2251 - Vet Med Basic Sciences Bldg | Bond, S    |

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.