Computer Science

CS 555 **Numerical Methods for PDEs** credit: 4 hours.
Introduction to numerical techniques for initial and boundary value problems in partial differential equations. Examines finite difference and finite element discretization techniques, direct and iterative solution methods for discrete problems, and programming techniques and usage of FORTRAN packages. Same as CSE 510 and MATH 552. Prerequisite: CS 450 or CS 457.

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<th>CRN</th>
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<tr>
<td>50117</td>
<td>Lecture</td>
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<td>TR</td>
<td>1103 - Siebel Center for Comp Sci</td>
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Credit Hours: 4 hours