### Civil and Environmental Engineering

**CEE 201  Systems Engrg & Economics**  credit: 3 hours.

Introduction to the formulation and solution of civil engineering problems. Major topics: engineering economy, mathematical modeling, and optimization. Application of techniques, including classical optimization, linear and nonlinear programming, network theory, critical path methods, simulation, decision theory, and dynamic programming to a variety of civil engineering problems. Credit is not given for both CEE 201 and IE 310. Prerequisite: MATH 231; credit or concurrent registration in MATH 225.

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<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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<td>29694</td>
<td>Lecture-Discussion</td>
<td>NP</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>1310 - Newmark Civil Engineering Bldg</td>
<td>Meidani, H</td>
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