Class Schedule - Spring 2016

Civil and Environmental Engineering

**CEE 412  High-Speed Rail Engineering**  credit: 3 OR 4 hours.
Development, engineering, design and construction of high-speed rail (HSR) passenger transport systems with particular emphasis
on the unique engineering elements of HSR technology. Key elements of HSR systems and subsystems including: core systems
(trains, power, signal, communication and control), track system and civil infrastructure (earthwork, bridges, viaducts and tunnels). Also
covered are basic design and construction of HSR stations and rolling stock maintenance facilities. 3 undergraduate hours. 4 graduate
hours.

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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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<tbody>
<tr>
<td>63895</td>
<td>Lecture-Discussion</td>
<td>HS3</td>
<td>03:30 PM - 04:50 PM</td>
<td>TR</td>
<td>3310 - Newmark Civil Engineering Bldg</td>
<td>Ruppert, C</td>
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<td>63896</td>
<td>Lecture-Discussion</td>
<td>HS4</td>
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<td>TR</td>
<td>3310 - Newmark Civil Engineering Bldg</td>
<td>Ruppert, C</td>
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<tr>
<td>64159</td>
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Credit Hours: 3 hours
Credit Hours: 4 hours

Restricted to MS: Civil Engr - Online - UIUC, MCS:Computer Sci Online -UIUC, MS:Mechanical Engineering -UIUC, MS: Aerospace Engr-Online-UIUC, NDEG:Grad Nondegree-CE-UIUC, NDEG:Undergrad Nondeg-CE-UIUC, or MCS: Computer Sci Online-UIUC. Restricted to online non-degree, online MCS, online MSAE, online MSME, and online MSCE students. Center for Innovation in Teaching & Learning (CITL) restrictions and assessments apply, see http://online.illinois.edu. For more details on this course section, please see http://engineering.illinois.edu/online/courses/. Non-Degree students may enroll on a space-available basis with consent of Program Coordinator, Meg Griffin (mgriffn@illinois.edu).

OCE Tuition $1034.00 per Bill Hour, and OCE Fees $50.00 per Bill Hour.