Class Schedule - Spring 2019

Computer Science

CS 446  **Machine Learning**  credit: 3 OR 4 hours.
Theory and basic techniques in machine learning. Major theoretical paradigms and key concepts developed in machine learning in
the context of applications such as natural language and text processing, computer vision, data mining, adaptive computer systems
and others. Review of several supervised and unsupervised learning approaches: methods for learning linear representations; on-line
learning, Bayesian methods; decision-trees; features and kernels; clustering and dimensionality reduction. 3 undergraduate hours. 3 or
4 graduate hours. Prerequisite: CS 373 and CS 440.

<table>
<thead>
<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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<tr>
<td>69727</td>
<td>Online</td>
<td>ONC</td>
<td>ARRANGED -</td>
<td>-</td>
<td>-</td>
<td>Telgarsky, M</td>
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<td>31421</td>
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<td>P3</td>
<td>06:00 PM - 07:15 PM</td>
<td>TR</td>
<td>1002 - Electrical &amp; Computer Eng Bldg</td>
<td>Schwing, A</td>
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<td>39433</td>
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<td>P4</td>
<td>06:00 PM - 07:15 PM</td>
<td>TR</td>
<td>1002 - Electrical &amp; Computer Eng Bldg</td>
<td>Schwing, A</td>
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<tr>
<td>68039</td>
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<td>03:30 PM - 04:45 PM</td>
<td>TR</td>
<td>0216 - Siebel Center for Comp Sci</td>
<td>Telgarsky, M</td>
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<td>68040</td>
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<td>03:30 PM - 04:45 PM</td>
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<td>0216 - Siebel Center for Comp Sci</td>
<td>Telgarsky, M</td>
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Credit Hours: 4 hours
Restricted to Computer Science major(s). Restricted to Graduate - Urbana-Champaign. Not intended for MCS:Computer Sci Online - UIUC.

Credit Hours: 4 hours
Restricted to MCS:Computer Sci Online -UIUC.
Center for Innovation in Teaching & Learning (CITL) restrictions and assessments apply, see http://citl.illinois.edu. Restricted to
Engineering graduate students. Center for Innovation in Teaching & Learning (CITL) restrictions and assessments apply, see http://
www.citl.illinois.edu. For more details on this course section, please see http://engineering.illinois.edu/online/courses/.

Credit Hours: 3 hours
Restricted to Graduate - Urbana-Champaign.

Credit Hours: 3 hours
Restricted to Graduate - Urbana-Champaign.