Class Schedule - Spring 2016

Electrical and Computer Engineering

ECE 513  **Vector Space Signal Processing**  credit: 4 hours.
Mathematical tools in a vector space framework, including: finite and infinite dimensional vector spaces, Hilbert spaces, orthogonal projections, subspace techniques, least-squares methods, matrix decomposition, conditioning and regularizations, bases and frames, the Hilbert space of random variables, random processes, iterative methods; applications in signal processing, including inverse problems, filter design, sampling, interpolation, sensor array processing, and signal and spectral estimation. Prerequisite: ECE 310, ECE 313, and MATH 415.

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<th>CRN</th>
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<tr>
<td>44849</td>
<td>Lecture</td>
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<td>09:30 AM - 10:50 AM</td>
<td>MW</td>
<td>4070 - Electrical &amp; Computer Eng Bldg</td>
<td>Bresler, Y</td>
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