ECE 558  Digital Imaging  credit: 4 hours.
(ECE 458) Multidimensional signals, convolution, transforms, sampling, and interpolation; design of two-dimensional digital filters; sensor array processing and range-doppler imaging; applications to synthetic aperture radar, optics, tomography, radio astronomy, and beam-forming sonar; image estimation from partial data. Prerequisite: ECE 410 and ECE 413; or equivalent

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<th>CRN</th>
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<th>Instructor</th>
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<td>34000</td>
<td>Discussion/Recitation</td>
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<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>169 - Everitt Laboratory</td>
<td>Kamalabadi, F</td>
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Credit Hours: 4 hours