MSE 403  **Synthesis of Materials**  credit: 3 hours.
Fundamentals of the synthesis of materials. Principles of synthesis; processes, approaches, synthetic methodology and probes; methodologies in materials synthesis; polymerization, sol-gel processes, liquid and vapor phase synthesis, materials coupling reactions, and precursor-derived, radiation-induced and asymmetric synthesis. 3 undergraduate hours. 3 graduate hours. Prerequisite: MSE 201; credit or concurrent registration in MSE 401.

<table>
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<th>CRN</th>
<th>Type</th>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<td>30434</td>
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<td>N</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>4101 - Materials Science &amp; Eng Bld</td>
<td>Shoemaker, D</td>
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