## Lower Level Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>CR. HRS.</th>
<th>Description</th>
<th>Gen. Ed*</th>
</tr>
</thead>
<tbody>
<tr>
<td>COPXX</td>
<td></td>
<td>Intro Programming in C, C++, JAVA or equivalent Language</td>
<td></td>
</tr>
<tr>
<td>MAPX302</td>
<td>3</td>
<td>Differential Equations</td>
<td></td>
</tr>
</tbody>
</table>

Select from the following:

- MACX311 | 4
- MACX281 | 4
- MACX312 | 4
- MACX282 | 4

Select from the following:

- MACX313 | 4
- MACX283 | 4
- CHMX045C | 4

Take both courses:

- CHMX045/CHMX045L | 4
- CHMX440C | 4

Select from the following:

- PHYX048C | 5

Take both courses:

- PHYX048/PHYX048L | 5

Select from the following:

- PHYX049C | 5

Take both courses:

- PHYX049/PHYX049L | 5