


# College of Engineering Pathways

## Electrical Engineering 2013-2014 Plan

|   | Curriculum Pathway | Research Pathway   | Internship Pathway | Co-op Pathway   |  |
|---|--------------------|--|--------------------|---|--|
| <b>Milestone Year-1</b>   |                    |  |                    |   |  |
| <input type="checkbox"/> 33 hours completed including:<br>MA 171, CH 121/125, EE 100,<br>HSBS/HFA, FYE 101, EH 101, Free Elec   |                    | <input type="checkbox"/> Meet with Faculty to discuss pathway choices<br><input type="checkbox"/> Meet with Career Development<br><input type="checkbox"/> Attend Career Services Workshop on Resume<br><input type="checkbox"/> Outline Resume<br><input type="checkbox"/> Participate in Career Fair                         |                    |   |  |
| MA 172, PH 111/114, CPE 112,<br>HSBS/HFA, EH 102  |                    |  |                    |   |  |
| <b>Milestone Year-2</b>   |                    |  |                    |   |  |
| <input type="checkbox"/> 67 hours completed including:<br>MA 201, PH 112/115, MA 244,<br>EE 202, HSBS/HFA   |                    | <input type="checkbox"/> Meet with Faculty for Undergraduate research opportunities<br><input type="checkbox"/> Attend Career Services Workshop on Interviews<br><input type="checkbox"/> Professional Resume<br><input type="checkbox"/> Attend Career Fair<br><input type="checkbox"/> Co-op/Internship Offer (Summer Start) |                    |   |  |
| MA 238, PH 113/116, EE 213,<br>CPE 221, EE 203, ISE 321   |                    |  |                    |   |  |
|   |                    |  |                    |   |  |
| <b>Milestone Year-3</b>   |                    |  |                    |   |  |
| <b>Research Pathway</b><br><input type="checkbox"/> 100 hours completed including:<br>EE 310, EE 382, EE 313,<br>EE 307, CPE 323, CPE 325<br>EE 315, EE 383, EE 386,<br>EE 385, EE 308, EE 384, EE 316<br><input type="checkbox"/> Undergraduate Research<br><input type="checkbox"/> Attend JUMP Information Session   |                    | <b>Internship Pathway</b><br><input type="checkbox"/> 100 hours completed from Curriculum Pathway<br><input type="checkbox"/> Summer Internship  |                    | <b>Co-op Pathway</b><br><input type="checkbox"/> Obtain Faculty Mentor<br><input type="checkbox"/> 96 hours completed including:<br>Work Semester (Summer)<br>EE 310, EE 382, EE 313,<br>EE 307, CPE 323, CPE 325 (Fall)<br>Work Semester (Spring)<br>EE 315, EE 383, EE 386,<br>EE 385, EE 316 (Summer)<br><input type="checkbox"/> 2 Semesters of Co-op |  |
| <b>Milestone Year-4</b>   |                    |  |                    |   |  |
| <b>Research Pathway</b><br><input type="checkbox"/> 128 hours completed including:<br>EE Track 1, EE Elec, Tech Elec,<br>HSBS/HFA, HSBS/HFA<br>EE Track 2, EE Elec, EE 494,<br>HSBS/HFA, Free Elec<br><input type="checkbox"/> Undergraduate Research Complete<br><input type="checkbox"/> Senior Design Complete<br><input type="checkbox"/> Degree Complete<br><input type="checkbox"/> Begin Career or Graduate School |                    | <b>Internship Pathway</b><br><input type="checkbox"/> 128 hours completed from Curriculum Pathway<br><input type="checkbox"/> Summer Internship<br><input type="checkbox"/> Senior Design Complete<br><input type="checkbox"/> Degree Complete<br><input type="checkbox"/> Begin Career or Graduate School                     |                    | <b>Co-op Pathway</b><br><input type="checkbox"/> 112 hours completed including:<br>Work Semester (Fall)<br>EE 308, EE 384, EE Elec, EE Elec<br>Tech Elec, HSBS/HFA (Spring)<br>Work Semester (Summer)<br><input type="checkbox"/> Experiential Learning complete<br><input type="checkbox"/> Decision on Industry or Graduate School                      |  |
| <b>Milestone Year-5</b>   |                    |  |                    |   |  |
|   |                    |  |                    | <b>Co-op Pathway</b><br><input type="checkbox"/> 128 hours completed including:<br>EE 494, EE Elec, EE Elec,<br>HSBS/HFA, Free Elec (Fall)<br><input type="checkbox"/> Senior Design Complete<br><input type="checkbox"/> Degree Complete<br><input type="checkbox"/> Begin Career or Graduate School   |  |

|             |  |
|-------------|--|
| Required    |  |
| Recommended |  |