

<b>Module Code</b>	<b>EEEN40310</b>
<b>Model Name</b>	<b>Power Electronics Technology</b>
<b>Module Coordinator</b>	<b>Assoc. Prof. Terence O'Donnell</b>
<b>Academic Years</b>	23/24 onwards
<b>Trimester</b>	<b>Autumn</b>
<b>Teaching Weeks</b>	<i>UCD Week 1-12</i>
<b>Assessment Weeks</b>	<i>UCD Week 13 - 15</i>
<b>Lectures</b>	<p>Pre-recorded online: Screencast</p> <p>Live online: also live online on Tue. @13:00, Wed. @ 11:00, Fri. @ 12:00 , <i>Week 1 - 12</i></p> <p>Asynchronous: Yes</p>
<b>Tutorials / Practicals</b>	<ul style="list-style-type: none"> <li>• In-person on-campus with recorded online alternative: Laboratory session schedule is Mon. 15:00 – 18:00 Weeks 3 – 12. Laboratories will include a mix of circuit design, simulation, circuit build and test.</li> <li>• Alternative, circuit design and simulation only based version provided for remote students.</li> </ul>
<b>Assignments</b>	<ul style="list-style-type: none"> <li>• 3 total, approximate schedule: week 6, week 9 , week 12</li> <li>• <i>Report on design, simulation and test results from laboratory sessions.</i></li> </ul>
<b>Tests</b>	<ul style="list-style-type: none"> <li>• <i>5 tests of 5 questions each</i></li> <li>• <i>Online short arithmetic questions.</i></li> </ul>
<b>Examination</b>	<ul style="list-style-type: none"> <li>• <i>Timing: End of trimester, exact time scheduled centrally</i></li> <li>• <i>Format: examination / in-person with online alternative</i></li> </ul>
<b>Typical weekly workload</b>	<ul style="list-style-type: none"> <li>• Lectures: 3</li> <li>• Laboratory sessions: 3 h, weeks 3 - 12 <ul style="list-style-type: none"> <li>• Self-study: avg. 4 hrs/week</li> </ul> </li> </ul>