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UNIVERSITY COLLEGE, CORK



**Marks and Standards Examinations  
2016**

**Engineering and Architecture**

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## **GENERAL REGULATIONS GOVERNING EXAMINATIONS FOR ALL UNDERGRADUATE PROGRAMMES**

### **General Regulations Governing Examinations**

**Written Examinations** will be held at the end of each Semester. **Semester 1** Written Examinations will take place in December (Winter); **Semester 2** Written Examinations will take place in April/May (Summer). Written Examinations for programmes with placement will normally take place in March/April (Spring). Written Examinations for **Semester 3** will take place in August (Autumn).

**Publication of Results:** Provisional module marks and results for Semester 1 will be released to students in February subject to approval of the External Examiner(s), the Examination Board and Academic Board. Programme results for Semesters 1 and 2, once approved by the Spring/Summer Examination Boards, will be released provisionally to students and are subject to Academic Board approval in June. Provisional results for Semester 3, once approved by the Winter Examination Boards, will be released provisionally to students and are subject to Academic Board approval in December.

**Awarding of Credits:** Where a student passes the year according to the Pass and Progression Rules he/she shall be awarded credits (e.g. 60 credits in the case of an undergraduate degree programme).

#### ***Absence from an Examination in a Module:***

Registration at the beginning of an academic year constitutes entry for Examinations.

A student who is prevented for medical reasons or other personal circumstances from attending all or part of the Examination, and who has not withdrawn from the programme, should submit to the Registrar and Senior Vice-President for Academic Affairs a full report (including a medical certificate) or a full report setting out the other personal circumstances as soon as possible and not more than three days following his/her last Examination, for consideration by the Board of Examiners. Students who are pregnant may defer the entire examination to the Autumn.

Where a student fails to present for an End of Semester Examination in a module, a judgement of "Absent" is recorded for that module. "Absent" is counted as an attempt at an examination. Where a module is examined by a combination of Continuous Assessment and End of Semester Written Examination, and the student does not present for the End of Semester Examination, an "Absent" judgement is recorded. The mark recorded for the module is then based on the mark for Continuous Assessment and a zero mark for the written component, using the rules for obtaining the overall module mark which pertain to the module in question. Where a module is assessed wholly by Continuous Assessment, and the student presents no work, a "Presented No Work" judgement is recorded.

**Supplemental Examinations:** Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Supplemental Examinations for Semester 3 will be held in December (Winter). Please refer to the Book of Modules ([www.ucc.ie/academic/modules/](http://www.ucc.ie/academic/modules/)) for requirements governing the Supplemental Examination for individual modules. Note: for some modules there is no Supplemental Examination.

A student who fails his/her End of Semester Examination(s), or who fails to present, will be automatically entered for the Autumn Supplemental Examination, unless debarred by the Examination Board. A student who is not so debarred must inform the Student Records and Examinations Office, in writing, before the end of July if he/she does not intend sitting the Supplemental Examination. Where a student fails to inform the Student Records and Examinations Office of his/her intention not to sit the Supplemental Examination, a judgement of "Absent" is recorded for module(s). "Absent" is counted as an attempt at an examination.

**Repeat Year Arrangements:** Students repeating the year will repeat under the current regulations (i.e. the regulations outlined in this Marks and Standards 2015 Book).

**Application for Waiver of Capping of Marks:** The requirement for the **capping of marks** awarded for a module at a Supplemental Examination or, where applicable, Repeat Year Examination may be waived under certain specified circumstances (see 'Guide to Examinations' for details at: <http://www.ucc.ie/en/exams/procedures-regulations/>)

The procedures include the following specific regulations:

Guide to Examinations for Students

Guide to Examinations for Staff

Examination Regulations

Procedure in Examination Halls

Appeal Regulations and Application Form

Re-check Regulations and Application Form

Mitigation Regulations and Application Form            UCC

Plagiarism Policy

Deferral of Written Examinations: Pregnant Students

## UNDERGRADUATE PROGRAMMES

	<b>BE (Hons) DEGREE</b>
	<b>FIRST UNIVERSITY EXAMINATION IN ENGINEERING NO PREFERENCE, CIVIL AND ENVIRONMENTAL, ELECTRICAL AND ELECTRONIC, ENERGY AND PROCESS AND CHEMICAL</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/academic/calendar/engineering/eng002.html">http://www.ucc.ie/academic/calendar/engineering/eng002.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>
<b>Pass and Progression Standard (programme level):</b>	To pass First Year and progress to Second Year of one of the BE programmes, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s)
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <ul style="list-style-type: none"> <li>• First Class: At least 70% (i.e. at least 840/1200 marks)</li> <li>• Second Class, Grade I: At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks).</li> <li>• Second Class, Grade II: At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).</li> </ul>
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Carrying forward of marks towards the final degree award</b>	For the students that progress into second year BE Process & Chemical Engineering, 10% of the aggregate marks in the First University Examination in Engineering (maximum 120 marks) shall be added to the respective percentages of the aggregate marks obtained in the Second, Third and Final Examinations for calculation of the Final BE (Hons) Degree result.  There is no carry forward of First University Examination marks for students progressing into second year of the BE Civil & Environmental, Electrical & Electronic and Energy.

<p><b>Supplemental Examinations:</b></p>	<p>Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</p> <p>Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated</p>
<p><b>Repeat Year Examinations:</b></p>	<p>Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<p><b>Three Year Rule:</b></p>	<p>A student must pass within 3 academic years of the date of first registration for Second Year; otherwise he/she cannot continue in the programme.</p>

<b>SECOND UNIVERSITY EXAMINATION IN CIVIL ENGINEERING</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/academic/calendar/engineering/eng002.html">http://www.ucc.ie/academic/calendar/engineering/eng002.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i>
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s)
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <ul style="list-style-type: none"> <li>• First Class: At least 70% (i.e. at least 840/1200 marks)</li> <li>• Second Class, Grade I: At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks).</li> <li>• Second Class, Grade II: At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).</li> </ul>
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours,



<p><b>Repeat Year Examinations:</b></p>	<p>Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<p><b>Three Year Rule:</b></p>	<p>A student must pass within 3 academic years of the date of first registration for Second Year; otherwise he/she cannot continue in the programme.</p>

<b>THIRD UNIVERSITY EXAMINATION IN CIVIL ENGINEERING</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/academic/calendar/engineering/eng002.html">http://www.ucc.ie/academic/calendar/engineering/eng002.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <ul style="list-style-type: none"> <li>• <b>First Class:</b> At least 70% (i.e. at least 840/1200 marks)</li> <li>• <b>Second Class, Grade I:</b> At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks)</li> <li>• <b>Second Class, Grade II:</b> At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).</li> </ul>
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Carrying Forward of Marks Towards Final Degree Award</b>	40% of the aggregate marks (maximum 480 marks) in the Third University Examination, once passed, are added to the aggregate marks obtained at the BE (Hons) Degree Examination (maximum 1200 marks) for the purpose of determining the final Degree result (maximum 1680 marks).
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.

<p><b>Repeat Year Examinations:</b></p>	<p>Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Spring Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<p><b>Three Year Rule:</b></p>	<p>A student must pass within 3 academic years of the date of first registration for Third Year; otherwise he/she cannot continue in the programme.</p>

<b>BE (Hons) DEGREE EXAMINATION (CIVIL ENGINEERING)</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/academic/calendar/engineering/eng002.html">http://www.ucc.ie/academic/calendar/engineering/eng002.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass CE4002, the Design Project module of the elective stream chosen (CE4008 or CE4014 or CE4019), and other modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s)
<b>Carrying Forward of Marks Towards Final Degree Award</b>	40% of the aggregate marks (maximum 480 marks) in the Third University Examination, once passed, are added to the aggregate marks obtained at the BE (Hons) Degree Examination (maximum 1200 marks) for the purpose of determining the final Degree result (maximum 1680 marks). In the case of a student, who has passed the Third University Examination in Civil Engineering on the basis of a full year of study abroad, 40% of the aggregate mark obtained at the BE (Hons) Degree Examination shall be used in place of 40% of the aggregate mark obtained at the Third University Examination.
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <ul style="list-style-type: none"> <li>• First Class: At least 70% (i.e. at least 1176/1680 marks)</li> <li>• Second Class, Grade I: At least 60% but less than 70% (i.e. at least 1008/1680 marks but less than 1176/1680 marks).</li> <li>• Second Class, Grade II: At least 50% but less than 60% (i.e. at least 740/1680 marks but less than 1008/1680 marks).</li> </ul>
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in Autumn. Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her. <i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i>

BE (Hons) DEGREE EXAMINATION (CIVIL ENGINEERING)	
	<p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Three Year Rule:</b>	A student must pass within 3 academic years of the date of first registration for Fourth Year; otherwise he/she cannot continue in the programme.

<b>SECOND UNIVERSITY EXAMINATION IN ELECTRICAL AND ELECTRONIC ENGINEERING</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/calendar/engineering/eng006.html">http://www.ucc.ie/calendar/engineering/eng006.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s)
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <ul style="list-style-type: none"> <li>• <u>First Class</u>: At least 70% (i.e. at least 840/1200 marks)</li> <li>• <u>Second Class, Grade I</u>: At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks).</li> <li>• <u>Second Class, Grade II</u>: At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).</li> </ul>
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i> (2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.

	<b>SECOND UNIVERSITY EXAMINATION IN ELECTRICAL AND ELECTRONIC ENGINEERING</b>
	In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).
<b>Three Year Rule:</b>	A student must pass within 3 academic years of the date of first registration for Second Year; otherwise he/she cannot continue in the programme.



THIRD UNIVERSITY EXAMINATION IN ELECTRICAL AND ELECTRONIC ENGINEERING	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>55 credits</b> as detailed at: <a href="http://www.ucc.ie/calendar/engineering/eng006.html">http://www.ucc.ie/calendar/engineering/eng006.html</a> . Marks for a further <b>5 credits</b> (for the work placement module EE3021) are awarded at the Fourth Year BE (Hons) Degree board.
<b>Marks Maxima:</b>	100 per five credit module. Total Marks: 1100.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 440/1100 marks (40%) across all modules (ii) pass modules to the value of at least 45 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <ul style="list-style-type: none"> <li>• <u>First Class</u>: At least 70% (i.e. at least 770/1100 marks)</li> <li>• <u>Second Class, Grade I</u>: At least 60% but less than 70% (i.e. at least 660/1100 marks but less than 770/1100 marks).</li> <li>• <u>Second Class, Grade II</u>: At least 50% but less than 60% (i.e. at least 550/1100 marks but less than 660/1100 marks).</li> </ul>
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Carrying Forward of Marks Towards Final Degree Award</b>	Thirty percent of the marks for the Third University Examination in Electrical Engineering, once passed (maximum 330 marks), shall be added to the marks obtained at the BE (Hons) Degree Examination (maximum 1200 marks) and to 100% of the mark for the placement module EE3021, once passed (maximum 100 marks), to provide the Final BE (Hons) (Electrical & Electronic Engineering) Degree result (maximum 1630 marks). In the case of a student, who has passed the Third University Examination in Electrical & Electronic Engineering on the basis of a full year of study abroad, the degree award will be based entirely on the marks obtained at the BE (Hons) Degree Examination (maximum of 1200 marks).
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.



<b>THIRD UNIVERSITY EXAMINATION IN ELECTRICAL AND ELECTRONIC ENGINEERING</b>	
	<p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Spring Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Three Year Rule:</b>	A student must pass within 3 academic years of the date of first registration for Third Year; otherwise he/she cannot continue in the programme.

	<b>BE (Hons) DEGREE EXAMINATION (ELECTRICAL AND ELECTRONIC ENGINEERING)</b>
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>65 credits</b> as detailed at: <a href="http://www.ucc.ie/calendar/engineering/eng003.html">http://www.ucc.ie/calendar/engineering/eng003.html</a> . The mark for EE3021 Electrical and Electronic Engineering in the Commercial World (5 credits) is finalised at the Fourth Year Examination Board.
<b>Marks Maxima:</b>	100 per five credit module; 300 per fifteen credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Oral Examination</b>	A candidate may, at the discretion of the Department of Electrical and Electronic Engineering and the External Examiner, be required to take an oral examination with respect to his/her performance in the Project module EE4020. This oral examination takes place outside the usual examining period (during the month of June). The Department will post details of the examination date during the Second Teaching Period. Based on the oral examination, the candidate's marks in EE4020 may be adjusted within a narrow band, as determined by the Department and the External Examiner. The potential to be called for oral examination applies to all candidates and failure to attend may be taken as a failure to perform satisfactorily at the oral examination.
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass EE4020 and other modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s) To be eligible for the Award of the Degree, a candidate must pass the BE (Hons) Degree Examination and obtain a pass in the Work Placement module (EE3021).
<b>Carrying Forward of Marks Towards Final Degree Award</b>	Thirty percent of the marks for the Third University Examination in Electrical Engineering, once passed (maximum 330 marks), shall be added to the marks obtained at the BE (Hons) Degree Examination (maximum 1200 marks) and to 100% of the mark for the placement module EE3021, once passed (maximum 100 marks), to provide the Final BE (Hons) (Electrical & Electronic Engineering) Degree result (maximum 1630 marks). In the case of a student, who has passed the Third University Examination in Electrical & Electronic Engineering on the basis of a full year of study abroad, the degree award will be based entirely on the marks obtained at the BE (Hons) Degree Examination (maximum of 1200 marks).
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <ul style="list-style-type: none"> <li>• <b>First Class:</b> At least 70% (i.e. at least 1141/1630 marks)</li> <li>• <b>Second Class, Grade I:</b> At least 60% but less than 70% (i.e. at least 978/1630 marks but less than 1141/1630 marks).</li> <li>• <b>Second Class, Grade II:</b> At least 50% but less than 60% (i.e. at least 815/1630 marks but less than 978/1630 marks).</li> </ul>
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.

	BE (Hons) DEGREE EXAMINATION (ELECTRICAL AND ELECTRONIC ENGINEERING)
	Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	<p><i>: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Three Year Rule:</b>	A student must pass within 3 academic years of the date of first registration for Fourth Year; otherwise he/she cannot continue in the programme.

<b>SECOND UNIVERSITY EXAMINATION IN ENERGY ENGINEERING</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/academic/calendar/engineering/eng008.html">http://www.ucc.ie/academic/calendar/engineering/eng008.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s)
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <u>First Class:</u> At least 70% (i.e. at least 840/1200 marks) <u>Second Class, Grade I:</u> At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks). <u>Second Class, Grade II:</u> At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i> (2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.  In the case of a candidate choosing option (2) and failing the repeat year as a

<b>SECOND UNIVERSITY EXAMINATION IN ENERGY ENGINEERING</b>	
	result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).
<b><i>Three Year Rule:</i></b>	A student must pass within 3 academic years of the date of first registration for Second Year; otherwise he/she cannot continue in the programme.

<b>THIRD UNIVERSITY EXAMINATION IN ENERGY ENGINEERING</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>55 credits</b> as detailed at: <a href="http://www.ucc.ie/academic/calendar/engineering/eng008.html">http://www.ucc.ie/academic/calendar/engineering/eng008.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1100.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 440/1100 marks (40%) across all modules (ii) pass modules to the value of at least 45 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Spring Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <u>First Class:</u> At least 70% (i.e. at least 770/1100 marks) <u>Second Class, Grade I:</u> At least 60% but less than 70% (i.e. at least 660/1100 marks but less than 770/1100 marks). <u>Second Class, Grade II:</u> At least 50% but less than 60% (i.e. at least 550/1100 marks but less than 660/1100 marks).
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Carrying Forward of Marks Towards Final Degree Award</b>	One-third of the marks for the Third University Examination in Energy Engineering once passed (maximum 367 marks) shall be added to the marks obtained at the BE (Hons) Degree Examination (maximum 1200 marks) and the marks obtained in module NE3021 (maximum 100 marks) to provide the Final BE (Hons) (Energy Engineering) Degree result (maximum 1667 marks).  In the case of a student who has passed the Third University Examination in Energy Engineering on the basis of a full year of study abroad, and who has not completed the placement module NE3021, 38.9% of the aggregate mark obtained at the BE (Hons) Degree Examination (maximum 467 marks) shall be added to the final mark obtained at the BE (Hons) Degree Examination (maximum 1200 marks) to provide the final BE (Hons) (Energy Engineering) Degree result (maximum 1667 marks)

<p><b>Supplemental Examinations:</b></p>	<p>Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Spring Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</p> <p>Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.</p>
<p><b>Repeat Year Examinations:</b></p>	<p>Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Spring Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p>
	<p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<p><b>Three Year Rule:</b></p>	<p>A student must pass within 3 academic years of the date of first registration for Third Year; otherwise he/she cannot continue in the programme.</p>



<b>BE (Hons) DEGREE EXAMINATION (ENERGY ENGINEERING)</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> as detailed at: <a href="http://www.ucc.ie/academic/calendar/engineering/eng008.html">http://www.ucc.ie/academic/calendar/engineering/eng008.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Oral Examination</b>	A candidate may be required to take an oral examination with respect to his/her performance in the Project module NE4020. This oral examination takes place outside the usual examining period (during the month of June). Details of the oral examination date will be posted on the departmental notice board. Based on the oral examination, the candidate's marks in NE4020 may be adjusted within a narrow band, as determined by the Department and the External Examiner. The potential to be called for oral examination applies to all candidates and failure to attend may be taken as a failure to perform satisfactorily at the oral examination.
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass NE4020 and other modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s) To be eligible for the Award of the Degree, a candidate must pass the BE (Hons) Degree Examination and obtain a pass in the Work Placement module (NE3021) unless exempted from NE3021 due to having spent the third year abroad.
<b>Carrying Forward of Marks Towards Final Degree Award</b>	One-third of the marks for the Third University Examination in Energy Engineering once passed (maximum 367 marks) shall be added to the marks obtained at the BE (Hons) Degree Examination (maximum 1200 marks) and the marks obtained in module NE3021 (maximum 100 marks) to provide the Final BE (Hons) (Energy Engineering) Degree result (maximum 1667 marks).  In the case of a student who has passed the Third University Examination in Energy Engineering on the basis of a full year of study abroad, and who has not completed the placement module NE3021, 38.9% of the aggregate mark obtained at the BE (Hons) Degree Examination (maximum 467 marks) shall be added to the final mark obtained at the BE (Hons) Degree Examination (maximum 1200 marks) to provide the final BE (Hons) (Energy Engineering) Degree result (maximum 1667 marks).
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <ul style="list-style-type: none"> <li>• First Class: At least 70% (i.e. at least 1120/1600 marks)</li> <li>• Second Class, Grade I: At least 60% but less than 70% (i.e. at least 960/1600 marks but less than 1120/1600 marks).</li> <li>• Second Class, Grade II: At least 50% but less than 60% (i.e. at least 800/1600 marks but less than 960/1600 marks).</li> </ul>
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.



<b>Supplemental Examinations:</b>	<p>Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i></p> <p>A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</p> <p>Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is</p>
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<b>BE (Hons) DEGREE EXAMINATION (ENERGY ENGINEERING)</b>	
	40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	<p>Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.</p> <p><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Three Year Rule:</b>	A student must pass within 3 academic years of the date of first registration for Fourth Year; otherwise he/she cannot continue in the programme.

<b>SECOND UNIVERSITY EXAMINATION IN PROCESS &amp; CHEMICAL ENGINEERING</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> as detailed at <a href="http://www.ucc.ie/calendar/engineering/eng004.html">http://www.ucc.ie/calendar/engineering/eng004.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Second Year and progress to Third Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s)
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <u>First Class:</u> At least 70% (i.e. at least 840/1200 marks) <u>Second Class, Grade I:</u> At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks). <u>Second Class, Grade II:</u> At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	20% of the aggregate marks in the Second University Examination in Process & Chemical Engineering (maximum 240 marks) shall be added to the respective percentages of the aggregate marks obtained in the First, Third and Final Examinations for calculation of the Final BE (Hons) Degree result.
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her. (1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.

SECOND UNIVERSITY EXAMINATION IN PROCESS & CHEMICAL ENGINEERING	
	<p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Three Year Rule:</b>	A student must pass within 3 academic years of the date of first registration for Second Year; otherwise he/she cannot continue in the programme.

THIRD UNIVERSITY EXAMINATION IN PROCESS & CHEMICAL ENGINEERING	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Spring Examination Board. For students failing to achieve the pass standard for the year at the Spring Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>50 credits</b> as detailed <a href="http://www.ucc.ie/calendar/engineering/eng004.html">http://www.ucc.ie/calendar/engineering/eng004.html</a> <i>Note:</i> The <b>Work Placement module</b> , PE3010 (10 credits), is taken after the Spring Written Examination and will contribute to marks for the BE (Hons) Degree result.
<b>Marks Maxima:</b>	100 per five credit module, 200 per ten credit module. Total Marks: 1000.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Third Year and progress to Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 400/1000 marks (40%) across all modules (ii) pass modules to the value of at least 40 credits (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Spring Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <u>First Class:</u> At least 70% (i.e. at least 700/1000 marks) <u>Second Class, Grade I:</u> At least 60% but less than 70% (i.e. at least 600/1000 marks but less than 700/1000 marks). <u>Second Class, Grade II:</u> At least 50% but less than 60% (i.e. at least 500/1000 marks but less than 600/1000 marks).
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	100% of marks obtained in Work Placement PE3010 (maximum 200 marks) and 40% of the aggregate marks in the Third University Examination in Process & Chemical Engineering (maximum 400 marks) shall be added to the respective percentages of the aggregate marks obtained in the First, Second and Final Examinations for calculation of the Final BE (Hons) Result.
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Spring Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her. (1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Spring Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.  <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Spring Examination board of a Repeat Year</i>

THIRD UNIVERSITY EXAMINATION IN PROCESS & CHEMICAL ENGINEERING	
	<p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b><i>Three Year Rule:</i></b>	A student must pass within 3 academic years of the date of first registration for Third Year; otherwise he/she cannot continue in the programme.

<b>BE (Hons) DEGREE EXAMINATION (PROCESS &amp; CHEMICAL ENGINEERING)</b>	
<b>Time:</b>	Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>70 credits</b> as detailed at <a href="http://www.ucc.ie/calendar/engineering/eng004.html">http://www.ucc.ie/calendar/engineering/eng004.html</a>
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To pass Fourth Year, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules (ii) pass PE4005, PE4006 and other modules to the value of at least 50 credits (iii) obtain a mark of not less than 30% in any remaining module(s)  To be eligible for the Award of the Degree, a candidate must pass the BE (Hons) Degree Examination and obtain a pass in the Work Placement module (PE3010).
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	70% of the aggregate marks in the BE (Hons) Degree Examination in Process & Chemical Engineering (maximum 840 marks) shall be added to 10% of the aggregate marks in the First University Examination (maximum 120 marks) and 20% of the aggregate marks in the Second University Examination (maximum 240 marks) and 40% of the aggregate marks in the Third University Examination (maximum 400 marks) and 100% of the mark in the Work Placement module PE3010 (maximum 200 marks) for calculation of the Final BE (Hons) Result (maximum 1800 marks).
<b>Honours:</b>	A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Winter or Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: <b>First Class:</b> At least 70% (i.e. at least 1260/1800 marks) <b>Second Class, Grade I:</b> At least 60% but less than 70% (i.e. at least 1080/1800 marks but less than 1260/1800 marks). <b>Second Class, Grade II:</b> At least 50% but less than 60% (i.e. at least 900/1800 marks but less than 1080/1800 marks).
<b>Exemptions:</b>	Each passed module carries an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate, who fails to achieve the pass standard for the year at the Winter or Summer Examination, is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	Unless debarred from so doing under the three year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.

<b>BE (Hons) DEGREE EXAMINATION (PROCESS &amp; CHEMICAL ENGINEERING)</b>	
	<p><i>Note: Final Year students wishing to repeat the year with a view to improving their Degree result may do so only if they have not been conferred.</i></p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In determining aggregation and progression, full marks obtained in modules passed at the Summer Examination board in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.</p> <p><i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination board of a Repeat Year</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Three Year Rule:</b>	A student must pass within 3 academic years of the date of first registration for Fourth Year; otherwise he/she cannot continue in the programme.



## DIPLOMA PROGRAMMES

DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING STUDIES	
<b>Time:</b>	Written Examinations will be held in Winter, Spring (3000-level modules) and Summer (other modules). Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For students failing to achieve the pass standard for the year based on the results of the winter, Spring and Summer Examinations, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>60 credits</b> . These must include at least 40 credits of applicable undergraduate Engineering modules, from a choice of electrical and electronic engineering modules (EE modules), microelectronic engineering modules (UE modules), and mechanical engineering modules (ME modules), As well as up to 20 credits in other subjects.
<b>Marks Maxima:</b>	100 per five-credit module; 200 per ten-credit module; 300 per fifteen-credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> .
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To be eligible for the award of the Diploma in Electrical and Electronic Engineering Studies, a candidate must: (i) obtain an overall aggregate pass of 480/1200 marks (40%) across all modules; (ii) pass modules to the value of at least 50 credits; (iii) obtain a mark of not less than 30% in any remaining module(s).
<b>Carrying Forward of Marks Towards the Final Degree Award:</b>	n/a
<b>Honours:</b>	n/a
<b>Exemptions:</b>	N/a
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). Please refer to the <i>Book of Modules</i> for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Supplemental Examination.</i>  Students who fail to achieve the pass standard for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board (see below). Marks from all passed modules are carried forward to the Supplemental Examination.  The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.  Capping of Marks at a Supplemental Examination: In determining aggregation and progression, the maximum mark that will be taken into account is a pass - 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b>Repeat Year Examinations:</b>	No repeat year is permitted for this programme
<b>Three Year Rule:</b>	n/a



# POSTGRADUATE PROGRAMMES

## MASTERS' DEGREES

### ME DEGREE EXAMINATION

Candidates for this degree must submit a Dissertation and must also present themselves for an oral and/or written examination. Exemption may be granted from the written examination.

### MENGSC DEGREE EXAMINATION

**MEngSc Degree by Research:** Candidates must submit a substantial research thesis and may be required to take taught modules on related subjects. Candidates may be required to pass an oral and/or written examination on the subject matter of the thesis.

	<b>MENGSC DEGREE EXAMINATION IN MECHANICAL ENGINEERING (MANUFACTURING, PROCESS AND AUTOMATION SYSTEMS)</b>
<b>Time:</b>	Written examinations will be held in Winter and Summer. Marks for all modules in Part I will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard in Part I at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Note: There is no Supplemental Examination for ME6019. Marks for Part II will be submitted to a Winter Examination Board with no Supplemental Examination.
<b>Modules:</b>	<b>Part I:</b> Candidates take modules to the value of <b>60</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page05.html">http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page05.html</a> <b>Part II:</b> Dissertation in Mechanical Engineering <b>ME6020</b> (30 credits).
<b>Marks Maxima:</b>	100 marks per 5 credit module; 200 marks per 10 credit module, 600 marks per 30 credit module. Total Marks – Part I: 1200 marks; Part II: 600 marks
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Pass Standard (module level):</b>	The pass standard for each module in Part I is 40%. The pass standard for the Dissertation in Mechanical Engineering (ME6020) is 50%. Special Requirements for individual modules are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Progression to Part II:</b>	A candidate who obtains an average mark of at least 50% across the taught modules excluding the Preliminary Research Project (ME6019) at the first attempt at the Summer Examination Board and obtains a mark of at least 50% in the Preliminary Research Project (ME6019) in Part I will be permitted to proceed to Part II of the programme, the Dissertation in Mechanical Engineering ME6020.
<b>Degree Award:</b>	A candidate, who has progressed to Part II, must achieve a pass mark of at least 40% in each individual module and a mark of at least 50% in ME6020 to be eligible for the award of the MEngSc Degree in Mechanical Engineering (Manufacturing, Process and Automation Systems)
<b>Distinction:</b>	A candidate, who achieves the standard for the award of the MEngSc Degree at the first attempt, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Parts I and II as follows: Distinction: At least 70% (i.e. at least 1260/1800 marks).
<b>Exemptions:</b>	All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Exit Award Postgraduate Diploma in Mechanical Engineering (Manufacturing, Process and Automation Systems):</b>	A candidate, who passes Part I but does not achieve an average mark of at least 50% across the taught modules excluding the Preliminary Research Project (ME6019) or does not achieve a mark of at least 50% in the Preliminary Research Project (ME6019), will be eligible for the award of a Postgraduate Diploma in Mechanical Engineering (Manufacturing, Process and Automation Systems). A candidate, who passes the Part I examination and does not wish to proceed to Part II, may opt to be conferred with a Postgraduate Diploma in Mechanical Engineering (Manufacturing, Process and Automation Systems).
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).  Please refer to the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for

	<p>requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for ME6019 and ME6020.</i></p> <ul style="list-style-type: none"> <li>• A candidate, who has progressed to Part II but has failed to achieve the pass standard in each taught module at the Summer Examination Board, is required to repeat failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>o A candidate, who has failed to progress to Part II and has failed to reach the pass standard in each taught module in Part I at the Summer Examination Board, is permitted to repeat failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, and will be eligible for the award of the Postgraduate Diploma in Mechanical Engineering (Manufacturing, Process and Automation Systems).</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.

MENGLSC DEGREE EXAMINATION IN MARINE RENEWABLE ENERGY	
<b>Time:</b>	Marks for all modules in Part I will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard in Part I at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Marks for Part II will be submitted to a Winter Examination Board with no Supplemental Examination.
<b>Modules:</b>	<b>Part I:</b> Students take modules to the value of at least <b>60</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page11.html">http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page11.html</a> <b>Part II:</b> Dissertation NE6020 (30 credits).
<b>Marks Maxima:</b>	Part I: 200 per 10 credit module; 100 per 5, 6 or 7.5 credit module. Total Marks: Part I: 1200 marks. Part II: 600 marks.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> at: <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Pass Standard (module level):</b>	The pass standard for each module in Part I is 40%. The pass standard for the Dissertation (NE6020) is 50%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> at <a href="http://www.ucc.ie/modules/">http://www.ucc.ie/modules/</a>
<b>Progression to Part II:</b>	A candidate, who obtains an average mark of at least 50% at the first attempt across all modules in Part I, will be permitted to proceed to Part II of the programme, the Dissertation (NE6020).
<b>Degree Award:</b>	A candidate, who has progressed to Part II, must achieve a pass mark in each individual Part I module and a mark of at least 50% in NE6020 to be eligible for the award of the MEngSc Degree in Marine Renewable Energy.
<b>Distinction:</b>	A candidate, who achieves the standard for the award of the MEngSc Degree at the first attempt, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Parts I and II as follows: Distinction: At least 70% (i.e. at least 1260/1800 marks).
<b>Exit Award Postgraduate Diploma in Marine Renewable Energy:</b>	A candidate, who passes Part I but does not achieve an average mark of at least 50% at the first attempt across the best nine modules in Groups One & Two in Part I, will be eligible for the award of a Postgraduate Diploma in Marine Renewable Energy. A candidate, who passes the Part I examination and does not wish to proceed to Part II, may opt to be conferred with a Postgraduate Diploma in Marine Renewable Energy.
<b>Exemptions:</b>	All passed modules carry an exemption which is limited to a period of 5 academic years
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). <ul style="list-style-type: none"> <li>• Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for NE6020.</i></li> <li>• A candidate, who has progressed to Part II but has failed to achieve the pass standard in each taught module at the Summer Examination, is required to repeat failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.

<b>MENGSCE DEGREE EXAMINATION IN ELECTRICAL &amp; ELECTRONIC ENGINEERING</b>	
<b>Time:</b>	Marks for all modules in Part I will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard in Part I at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. <i>Note: There will be no Supplemental Examination for EE6019.</i> In the case of Streams 1 and 2, marks for Part II will be submitted to a Winter Examination Board with no Supplemental Examination. In the case of Stream 3, marks for Part II modules taken in Teaching Period 1 of Year 2 will be presented to a Winter Examination Board.
<b>Modules:</b>	<b>Part I:</b> Students take modules to the value of <b>60</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page03a.html">http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page03a.html</a> <b>Part II:</b> Stream 1: Dissertation EE6022 (30 credits), or Stream 2: Industry Placement EE6021 (30 credits) or Stream 3: additional modules to the value of 30 credits
<b>Marks Maxima:</b>	200 per 10 credit module; 100 per 5 credit module;. Total Marks - Part I: 1200 marks; Part II: 600 marks.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/descriptions/page048a.html">www.ucc.ie/academic/modules/descriptions/page048a.html</a> )
<b>Pass Standard (module level):</b>	The pass standard for each module in Group One is 40%. The pass standard for each module in Group Two is 40%. The pass standard for the Dissertation (EE6022) and Industry Placement (EE6021) is 50%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> )
<b>Progression to Part II:</b>	A candidate who has achieved a pass mark in each individual module and obtains an overall aggregate of at least 50% at the first attempt across the modules taken in Part I (and at least 50% in the Research Report (EE6019) in the case of Stream 1 or 2), will be permitted to proceed to Part II of the programme, i.e. the Dissertation (EE6022) in Stream 1, Industry Placement (EE6021) in Stream 2 or additional taught modules to the value of 30 credits in Stream 3.
<b>Degree Award:</b>	In Stream 1 or 2, a candidate, who has progressed to Part II must achieve a mark of at least 50% in EE6022 or EE6021 to be eligible for the award of the MEngSc Degree in Electrical & Electronic Engineering. In Stream 3, a candidate, who has progressed to Part II, must achieve a pass mark in each individual module and an average mark of at least 50% at the first attempt across all modules taken in Part I and Part II, to be eligible for the award of the MEngSc Degree in Electrical & Electronic Engineering.
<b>Distinction:</b>	A candidate, who achieves the standard for the award of the MEngSc Degree at the first attempt, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Parts I and II as follows: Distinction: At least 70% (i.e. at least 1260/1800 marks).
<b>Exit Award Postgraduate Diploma in Electrical &amp; Electronic Engineering</b>	A candidate, who has achieved a pass mark in each individual module in Part I but does not obtain an overall aggregate mark of at least 50% at the first attempt across the modules taken in Part I (and a mark of at least 50% in the Research Report (EE6019) in the case of Stream 1 or 2), will be eligible for the award of a Postgraduate Diploma in Electrical & Electronic Engineering. A candidate, who passes the Part I examination and does not wish to proceed to Part II, may opt to be conferred with a Postgraduate Diploma in Electrical & Electronic Engineering.

<b>Exemptions:</b>	All passed modules carry an exemption which is limited to a period of 5 academic years
<b>Supplemental Examinations:</b>	<p>Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</p> <ul style="list-style-type: none"> <li>• Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for EE6019 or EE6020 or EE6021.</i></li> <li>• A candidate who has progressed to Part II but has failed to achieve the pass standard in each taught module at the Summer Examination, is required to repeat failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.

MENGLSC DEGREE EXAMINATION IN SUSTAINABLE ENERGY	
<b>Time:</b>	Written examinations will be held in Spring and Summer. Marks for all modules in Part I will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard in Part I at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Note: There is no Supplemental Examination for NE6008. Marks for Part II will be submitted to a Winter Examination Board with no Supplemental Examination.
<b>Modules:</b>	<b>Part I:</b> Candidates take modules to the value of <b>60</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page06.html">http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page06.html</a> <b>Part II:</b> Dissertation in Sustainable Energy <b>NE6009</b> (30 credits).
<b>Marks Maxima:</b>	100 marks per 5 credit module; 200 marks per 10 credit module, 600 marks per 30 credit module. Total Marks – Part I: 1200 marks; Part II: 600 marks.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module in Part I is 40%. The pass standard for the Dissertation (NE6009) is 50%. Special Requirements for individual modules are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ).
<b>Progression to Part II:</b>	A candidate who obtains an average mark of at least 50% across the taught modules at the first attempt at the Summer Examinations and at least 50% in the Preliminary Research Report (NE6008) in Part I will be permitted to proceed to Part II of the programme, the Dissertation (NE6009).
<b>Degree Award:</b>	A candidate, who has progressed to Part II, must achieve a pass mark of 40% in each individual module and a mark of at least 50% in NE6009 to be eligible for the award of the MEngSc Degree in Sustainable Energy.
<b>Distinction :</b>	A candidate, who achieves the standard for the award of the MEngSc Degree at the first attempt, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Parts I and II as follows: Distinction: At least 70% (i.e. at least 1260/1800 marks).
<b>Transfer to the Postgraduate Diploma in Sustainable Energy</b>	A candidate, who passes Part I but does not achieve an average mark of at least 50% across the taught modules and a mark of at least 50% in the Preliminary Research Report, will be eligible for the award of a Postgraduate Diploma in Sustainable Energy. A candidate, who passes the Part I examination and does not wish to proceed to Part II, may opt to be conferred with a Postgraduate Diploma in Sustainable Energy.
<b>Exemptions:</b>	All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). <ul style="list-style-type: none"> <li>• Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for NE6008.</i></li> <li>• A candidate, who has progressed to Part II but has failed to achieve the pass standard in each taught module at the Summer Examination, is required to repeat failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>• A candidate, who has failed to progress to Part II and has failed to reach the pass standard in each taught module in Part I at the Summer Examination, is permitted to repeat failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, and will be eligible for the award of the Postgraduate Diploma in Sustainable Energy.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.



<b>MENSC DEGREE EXAMINATION IN INFORMATION TECHNOLOGY IN ARCHITECTURE, ENGINEERING AND CONSTRUCTION.</b>	
<b>Time:</b>	Written examinations will be held in Spring and Summer. All modules will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard in Part I at the Winter and Summer Examination Boards, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Marks for Part II will be submitted to a Winter Examination Board with no Supplemental Examination.
<b>Modules:</b>	<b>Part I:</b> Candidates take modules to the value of <b>60</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page07.html">http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page07.html</a> <b>Part II:</b> Dissertation <b>CE6031</b> (30 credits).
<b>Marks Maxima:</b>	100 marks per 5 credit module; 600 marks per 30 credit module. Total Marks – Part I: 1200 marks; Part II: 600 marks.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each taught module in Part I is 40%. The pass standard for the Dissertation (CE6031) is 50%. Special Requirements for individual modules are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ).
<b>Progression to Part II:</b>	A candidate who obtains an average mark of at least 50% across the taught modules in Part I at the First Attempt will be permitted to proceed to Part II of the programme, the Dissertation CE6031.
<b>Degree Award:</b>	A candidate, who has progressed to Part II, must achieve a pass mark of 40% in each individual module and a mark of at least 50% in CE6031 to be eligible for the award of the MEngSc Degree in IT in AEC
<b>Exit Award Postgraduate Diploma in IT in AEC.:</b>	A candidate, who passes Part I but does not achieve an average mark of at least 50% across the taught modules at the First Attempt will be eligible for the award of a Postgraduate Diploma in IT in AEC. A candidate, who passes the Part I examination and does not wish to proceed to Part II, may opt to be conferred with a Postgraduate Diploma in IT in AEC.
<b>Distinction:</b>	A candidate, who achieves the standard for the award of the MEngSc Degree at the first attempt, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Parts I and II as follows: Distinction: At least 70% (i.e. at least 1260/1800 marks).
<b>Exemptions:</b>	All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). <ul style="list-style-type: none"> <li>• Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules.</li> <li>• A candidate, who has progressed to Part II but has failed to achieve the pass standard in each taught module at the Summer Examination, is required to repeat failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>• A candidate, who has failed to progress to Part II and has failed to reach the pass standard in each taught module in Part I at the Summer Examination, is permitted to repeat failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, and will be eligible for the award of the Postgraduate Diploma in IT in AEC.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.

<b>MENGCSC DEGREE EXAMINATION IN PHARMACEUTICAL AND BIOPHARMACEUTICAL ENGINEERING</b>	
<b>Time:</b>	Written examinations will be held at the end of each semester. Marks for all modules in Part I will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard in Part I at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board. Note: There is no Supplemental Examination for PE6021. Marks for Part II will be submitted to a Winter Examination Board with no Supplemental Examination.
<b>Modules:</b>	<b>Part I:</b> Candidates take modules to the value of <b>60</b> credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page08.html">http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page08.html</a> <b>Part II:</b> Dissertation <b>PE6021</b> (30 credits).
<b>Marks Maxima:</b>	100 marks per 5 credit module; 200 marks per 10 credit module, 600 marks per 30 credit module. Total Marks – Part I: 1200 marks; Part II: 600 marks.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each taught module in Part I is 40%. The pass standard for the Dissertation (PE6021) is 50%. Special Requirements for individual modules are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ).
<b>Progression to Part II:</b>	A candidate who obtains an average mark of at least 50% across taught modules to a value of 60 credits at the first attempt in Part I of the programme will be permitted to proceed to Part II of the programme, the Dissertation PE6021.
<b>Degree Award:</b>	A candidate, who has progressed to Part II, must achieve a pass mark of 40% in each individual taught module in Part I and a mark of at least 50% in PE6021 to be eligible for the award of the MEngSc Degree in Pharmaceutical and Biopharmaceutical Engineering.
<b>Distinction:</b>	A candidate, who achieves the standard for the award of the MEngSc Degree at the first attempt, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Parts I and II as follows: Distinction: At least 70% (i.e. at least 1260/1800 marks).
<b>Exit Award Postgraduate Diploma in Pharmaceutical and Biopharmaceutical Engineering :</b>	A candidate, who passes Part I but does not achieve an average mark of at least 50% across the taught modules, will be eligible for the award of a Postgraduate Diploma in Pharmaceutical and Biopharmaceutical Engineering. A candidate, who passes the Part I examination and does not wish to proceed to Part II, may opt to be conferred with a Postgraduate Diploma in Pharmaceutical and Biopharmaceutical Engineering.
<b>Exemptions:</b>	All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn). <ul style="list-style-type: none"> <li>• Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: There is no Supplemental Examination for PE6021.</i></li> <li>• A candidate, who has progressed to Part II but has failed to achieve the pass standard in each taught module in Part I, is required to repeat failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>• A candidate, who has failed to progress to Part II and has failed to reach the pass standard in each taught module in Part I at the first attempt, is permitted to repeat failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, and will be eligible for the award of the Postgraduate Diploma in Pharmaceutical and Biopharmaceutical Engineering.</li> </ul>
<b>Repeat Year Examinations:</b>	Marks will be capped in a repeat examination. Candidates will not be eligible for the award of Distinction where modules are repeated.



<b>MSc in TECHNOLOGY MANAGEMENT DEGREE (Distance Learning)</b>	
<b>Time:</b>	Written Examinations will be held at the end of each Semester, according to the programme calendar. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Winter Examination Board. For students failing to achieve the pass standard for the year, there will be a Supplemental Examination in Spring with results presented to the Spring Examination Board.
<b>Modules:</b>	Students take <b>90 credits</b> as follows: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page06a.html">http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page06a.html</a>
<b>Marks Maxima:</b>	100 per five credit module, 200 per ten credit module, 600 per thirty credit module. Total Marks: 1800
<b>Distribution of Marks:</b>	Distribution of marks and assessment details (including End of Year Written Examination Profile) for individual modules are contained in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the <i>Book of Modules</i> , ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ).
<b>Pass and Progression Standard (programme level):</b>	To be awarded the degree, students must pass all modules (aggregate of at least 720/1800 marks, i.e. over 40%). Compensation is not allowed.
<b>Honours: (If applicable)</b>	Honours will be awarded on aggregate as follows: <b>First Class Honours:</b> an aggregate of at least 1260/1800 marks (i.e. 70% and above)  <b>Second Class Honours, Grade 1:</b> an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)  <b>Second Class Honours, Grade 2:</b> an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%)
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of five years from the date a student originally achieved the exemption.
<b>Supplemental Examinations:</b>	<ul style="list-style-type: none"> <li>o Please refer to the <i>Book of Modules</i> (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Supplemental Examination for individual modules. <i>Note: for some modules there is no Supplemental Examination.</i></li> <li>o Students who fail to achieve the pass standard for the year at the Winter Examination must repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year (see below). Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>o The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> <li>o Capping of Marks at a Supplemental Examination: In determining aggregation, progression, and the calculation of honours, the maximum mark that will be taken into account is a pass (40%). The actual mark achieved by the candidate will be recorded on the student record.</li> </ul>
<b>Repeat Year Examinations:</b>	Students repeating the year may do so retaining exemptions, if any, and must repeat only the failed/absent modules. In determining aggregation, progression, and the calculation of the award of honours, full marks obtained in modules passed at the Winter Examination in the first attempt year plus capped marks obtained in modules in Supplemental and Repeat Year Examinations are used.

## **POSTGRADUATE DIPLOMAS**

<b>POSTGRADUATE DIPLOMA EXAMINATION IN PHARMACEUTICAL &amp; BIOPHARMACEUTICAL ENGINEERING</b>	
<b><i>Time:</i></b>	Written examinations will be held at the end of each . Marks for all taught modules will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b><i>Modules:</i></b>	Candidates take modules to the value of 60 credits, as detailed at: <a href="http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page08.html">http://www.ucc.ie/calendar/postgraduate/Masters/engineering/page08.html</a>
<b><i>Marks Maxima:</i></b>	100 marks per 5 credit module. Total Marks – : 1200 marks
<b><i>Distribution of Marks:</i></b>	Distribution of marks and assessment details for individual modules are contained in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ).
<b><i>Pass Standard (module level):</i></b>	The pass standard for each taught module is 40%. To pass all modules must be passed individually. Special Requirements for individual modules are detailed in the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ).
<b><i>Transfer to the MEngSc in Pharmaceutical &amp; Biopharmaceutical Engineering :</i></b>	A candidate who, at the first attempt, (i) obtains a pass mark of at least 40% in each taught module, and (ii) obtains an average mark of at least 50% across the first 60 credits worth of taught modules attempted, will be eligible to transfer to Part II of the MEngSc (Pharmaceutical & Biopharmaceutical), the Dissertation PE6021.
<b><i>Exemptions:</i></b>	All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption.
<b><i>Supplemental Examinations:</i></b>	Please refer to the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">http://www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. A candidate who has failed to achieve the pass standard at the Summer Examination is permitted to repeat all failed/absent modules at the Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board, or in a Repeat Year. Marks from all passed modules are carried forward to the Supplemental Examination.
<b><i>Repeat Year Examinations:</i></b>	Marks will be capped in a repeat examination. Candidates will not be eligible for the award of Distinction where modules are repeated.

# CIT/UCC JOINT MARKS & STANDARDS

## *Programmes in the* CORK CENTRE FOR ARCHITECTURAL EDUCATION

## **APPLICABILITY AND INTERPRETATION**

These are the Marks and Standards jointly adopted by Cork Institute of Technology (CIT) and University College Cork (UCC) governing programmes delivered jointly by CIT and UCC through the Cork Centre for Architectural Education (CCAEE) as listed in Appendix 1. They shall remain in force, as the rules governing the operation of all assessments and examination boards relating to such joint programmes, until such time as they are altered by way of amendment or replacement by formal joint decision of CIT and UCC.

All candidates and examiners are required to familiarise themselves with these Marks and Standards.

The provisions of these Marks and Standards take precedence for the programmes listed in Appendix 1 over any other Marks and Standards of either CIT or UCC.

From time to time, and by agreement between the Academic Council of CIT and the Academic Council of UCC, specific Appeals, Recheck and Mitigation Processes will be designated to apply to the programmes in Appendix 1. For the purposes of these Marks and Standards for the period 1<sup>st</sup> September 2010 to 31<sup>st</sup> August 2015 these processes shall be those of University College Cork. For the period 1<sup>st</sup> September 2015 to 31<sup>st</sup> August 2018 the processes shall be those of Cork Institute of Technology.

In cases where an Examination Board requests interpretation of these Marks and Standards, the issue shall be referred by the Chairperson of the Board for determination by agreement between the Academic Board of UCC and the Academic Council of CIT. Such determination shall be guided by good practice and the principles of fairness and consistency as operated in UCC, CIT and in higher education generally.

## **GLOSSARY OF TERMS**

**Stage:** A stage of a programme is a substantial volume of learning, at the conclusion of which an Examination Board makes decisions on progression or awards. For the BSc (Hons) Architecture programme the stage normally corresponds to one academic year. The Master of Architecture programme consists of two stages, Teaching Periods One and Two combined representing the first stage and Teaching Period Three representing the second stage.

## **GENERAL REGULATIONS GOVERNING CREDIT AND AWARDS**

**1. Awarding of Credits:** Module credits are awarded to a candidate who is registered on an approved module or modules and who has successfully passed the approved module or modules according to the Pass and Progression Rules.

Where a candidate passes a stage according to the Pass/Progression rules, he/she shall be awarded the stage credits specified.

**2. Absence from an Examination in a Module:** Registration at the beginning of an academic year constitutes entry for the relevant examinations of the stage. All repeat students are required to present for examination in the then current programmes in their relevant subject(s)/module(s).

Evidence of extenuating circumstances (e.g. medical or personal) must be submitted in a timely manner such that it can form part of the deliberations of the Examination Board meeting.

Evidence relating to extenuating circumstances will only be admitted as grounds for an examination appeal if it can be established that it was not possible to submit this evidence for consideration at the relevant Examination Board meeting. Examples would be where the individual was unable to submit evidence due to hospitalisation, or where the circumstances were not known at the time of the assessment, for example a medical condition diagnosed after the assessment.

A candidate who fails to achieve the pass standard for the stage is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. The candidate must register for the supplemental examination to re-sit failed modules.

Where a module is assessed wholly by terminal written examination and a student fails to present for the Examination, a judgement of "Presented No Work" is recorded for that module. Where a module is examined

by a combination of Continuous Assessment and terminal Written Examination, and the student does not present for the terminal Written Examination, the mark recorded for the module is then based on the mark for Continuous Assessment and a zero mark for the written component, using the rules for obtaining the overall module mark which pertain to the module in question. Where a module is assessed wholly by Continuous Assessment, and the student presents no work, a “Presented No Work” judgement is recorded. “Presented No Work” is counted as an attempt at an examination.

**3. Application for Waiver of Capping of Marks:** The requirement for the *capping of marks* at 40% for marks awarded for a module at a Supplemental Examination or, where applicable, Repeat Year Examination may be waived under certain specified circumstances if approved under the terms of the mitigation processes in force.

**4. Progression Rule:** Every stage of the programme must normally be passed before progression to a subsequent stage. Progression while carrying forward a failed module will not normally be permitted. In exceptional circumstances the Examination Board may recommend progression for a candidate who has not fulfilled this requirement. Such recommendation shall be formally and specifically recorded on the Broadsheet of Results and shall be subject to ratification in the same manner as the examination results. In no case shall an award be made until all required modules have been passed.

**5. Examination Boards:** An Examination Board will be convened for each stage of a programme. This Board will consider a consolidated Broadsheet of Results and will recommend marks for individual modules and make recommendations on progression and awards for candidates in conformity with these Marks and Standards. The recommendations of Examination Boards are subject to ratification by the Academic Council of CIT and the Academic Council of UCC. The effective date of the Award shall be the date upon which the ratification by both of the Academic Councils is completed.

#### Composition of the Examination Board:

The membership of the Examination Board shall be as follows:

- Independent Chairperson nominated and agreed by the Registrars of CIT and UCC
- Director and Associate Director of the CCAE, one of whom shall function as Secretary to the Examination Board
- Heads of the relevant Academic Units of CIT and UCC
- The External Examiners
- The Internal Examiners.

An Examination Board may act notwithstanding the absence of one or more members, provided that the Chair of the Board is satisfied that there are sufficient Examiners in attendance to enable the Board to fulfil its duties. The following quorum shall apply: Chairperson, Secretary and three further Board members.

An officer of the UCC Examinations Office and an officer of the CIT Examinations Office shall normally be in attendance.

#### Difference of Opinion at an Examination Board

**THE EXAMINATION BOARD SHOULD ATTEMPT TO REACH A CONSENSUS DECISION WITH REGARD TO THE RESULT TO BE AWARDED TO A CANDIDATE. IN CASES OF DIFFERENCE OF OPINION AMONG THE MEMBERS PRESENT AT AN EXAMINATION BOARD, THE RESULT SHALL BE DECIDED BY MAJORITY VOTE OF MEMBERS PRESENT AT THE MEETING. IN THE EVENT OF A TIE THE CHAIR WILL HAVE A SECOND (I.E. CASTING) VOTE. A BOARD MEMBER WHO CONTINUES TO DISSENT AT THE MEETING, MAY CHOOSE TO HAVE A DISSENTING OPINION RECORDED ON THE BROADSHEET OF RESULTS.**

Any dissenting opinion by an External Examiner recorded upon the Broadsheet of Results shall be referred for determination by agreement between the Academic Council of CIT and the Academic Council of UCC.

#### Confidentiality and Issuing of Results:

The proceedings and deliberations of Examination Boards are strictly confidential; under no circumstance, except as required for official reporting purposes, shall any person attending a meeting of a Board disclose to any third party a decision of the Board or any document, information or opinion considered, conveyed or expressed at the meeting.

Following the Examination Board meeting the CCAE may issue provisional results to the candidates pending approval of those results at the Academic Council of CIT and the Academic Council of UCC.

The CCAE may not issue provisional results in the case of any candidate whose result is in dispute, indeterminate, or whose entry is regarded as provisional in accordance with the Regulations of these Marks and Standards or otherwise.

## **6. Internal and External Examiners**

### Internal Examiners:

Staff who are responsible for assessment of all or part of a module shall be deemed to be Internal Examiners for the module.

Internal Examiners shall ensure that they are familiar with all relevant regulations.

Internal Examiners shall declare to the Director of CCAE at the start of the semester any interest, relationship or other circumstance which might constitute a conflict of interest or which might be seen as inappropriate to the role of Examiner.

### The role of Internal Examiners shall be as follows:

- to prepare appropriate assessment material, which reflects internationally established and accepted academic practice;
- to consult with the appropriate External Examiner on the drafting of assessment material.
- to take due account of all comments and amendments proposed by the External Examiner(s);
- to indicate clearly the marks awarded to each assessment or examination question, or part thereof, attempted by the candidate on all assessment material;
- to contribute to deliberations of appropriate Examination Boards.

### External Examiners

External Examiners shall be independent, expert and academically qualified for their role as per the CCAE guidelines on the appointment of External Examiners adopted from time to time by the Academic Council of CIT and the Academic Council of UCC. External Examiners are recommended by the CCAE taking account of these guidelines and are appointed in accordance with their respective procedures.

The most important duty of External Examiners shall be to ensure the adequacy of standards of assessment and to ensure maintenance of standards as far as is reasonably practicable from year to year, having regard to the outcomes of the programme as set down in the approved Programme Descriptor, and the appropriate national and international standards that prevail in the discipline. External Examiners shall attempt to ensure that assessments conform to the requirements for fairness and consistency.

Contact with the External Examiner(s) in relation to the level and content of examination papers or other assessment materials shall normally be through the Examination Office. The Examination Office shall communicate all comments and suggestions received from the External Examiner(s) to the relevant Internal Examiner and to the Director and Associate Director of CCAE.

External Examiners shall ensure that they are familiar with the appropriate regulations and Marks and Standards.

External Examiners shall declare at the earliest possible opportunity any interest, relationship or other circumstance which might constitute a conflict of interest, or which might be seen as inappropriate for the role of External Examiner.

External Examiners are required to visit the CCAE at least once in each stage. Normally, this visit will take place at the time of determination of results. External Examiners should endeavour to discharge by correspondence or other secure means as much of their work (including finalisation of examination papers and/or other assessment material) as it is feasible to perform in this manner.

External Examiners should have the opportunity to review a representative sample of assessment material presented by candidates. The sample, which should be drawn on a basis agreed between the Internal and External Examiner(s), should include sufficient material to enable the External Examiner(s) to form a judgement as to the appropriateness of the marking.

The role of the External Examiners shall be as follows:

- to review the assessment material and have the right to comment and propose amendments as they deem appropriate;
- to review borderline cases when they consider this to be necessary and appropriate;
- to interview candidates when they consider this to be necessary and appropriate;
- to seek to agree with the Internal Examiner(s), where possible the final mark awarded to each candidate; in this regard the External Examiner may review sample marked assessment material including theses and exhibitions of candidates' work as required;
- to contribute to deliberations of appropriate formal Examination Boards; and
- to submit to the CCAE a full report on the programme(s) or module(s) to which they are appointed. The report shall be submitted in accordance with a standard Report Form.

**7. Borderline Cases:** In discharging its responsibilities an Examination Board may exercise discretion in marginal cases by minor modification of marks.

Such modification of marks should be made if a candidate's result is borderline in terms of pass/progression or class of honours, having due regard to a borderline band of 1.5%.

Certification of illness, trauma or disability, if not already considered in the examination process should be considered at the Examination Board meeting.

The Examination Board shall allow for full and frank discussion of all borderline cases before a final decision is made. That final decision shall be based on the cumulative evidence presented rather than on the view of any one Internal or External Examiner. The Examinations Board in the consideration of borderline cases will have regard to a holistic evaluation of the candidate's performance across all the modules presented by the candidate. The Secretary of the Board shall note on the Broadsheet the reason for such decisions.

**8. Appeals:** A candidate who is dissatisfied with the decision of the Examination Board may initiate an Examination Appeal. Examination Appeals from students registered on the programmes listed in Appendix 1 must be made through the appeals system in force. For the purposes of these Marks and Standards for the period 1st September 2010 to 31st August 2015 these processes shall be those of University College Cork. For the period 1st September 2015 to 31st August 2018 the processes shall be those of Cork Institute of Technology. The decisions of the Appeals body shall be final.

**9. Module Results:** Module results shall be recorded on the Cork Centre for Architectural Education Broadsheet of Results either as a number or in accordance with the following table:

MODULE CODE	RESULT	ELABORATION OF RESULT	EFFECT ON SITTING NUMBER
I	DEFERRAL	RESULT DEFERRED DUE TO EXCEPTIONAL CIRCUMSTANCES	IS NOT COUNTED AS AN ATTEMPT
X	EXEMPT	CANDIDATE IS EXEMPT ON THE BASIS OF PRIOR LEARNING	IS COUNTED AS AN ATTEMPT
PNW	PRESENTED NO WORK	CANDIDATE DID NOT PRESENT WORK AT ANY ASSESSMENT (INCLUDING WRITTEN	IS COUNTED AS AN ATTEMPT

		<b>EXAMINATION(S)).</b>	
<b>WD</b>	<b>WITHDREW</b>	<b>CANDIDATE WITHDREW BEFORE WEEK 6 OF THE SEMESTER AND FORMALLY NOTIFIED THE INSTITUTE</b>	<b>IS NOT COUNTED AS AN ATTEMPT</b>
<b>WH</b>	<b>WITHHELD</b>	<b>CANDIDATE'S RESULT(S) WITHHELD</b>	<b>EXAMINATION BOARD TO ISSUE RECOMMENDATION</b>

**10. Appendices:**

Appendix 1 (Programmes to which these Marks and Standards Apply) and Appendix 2 (Stage Regulations) form part of these Marks and Standards.



**APPENDIX 1**

**Programmes to which these Marks and Standards Apply**

BSC (HONS) in ARCHITECTURE

Master of ARCHITECTURE

**APPENDIX 2****REGULATIONS FOR UNDERGRADUATE PROGRAMMES**

	<b>BSC (HONS) in ARCHITECTURE</b>
	<b>FIRST YEAR EXAMINATION</b>
<b>Time:</b>	Written Examinations will be held in the Summer. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard for the stage, there will be a Supplemental Examination following which an Examination Board will be convened.
<b>Modules:</b>	Candidates are examined in modules to a value of 60 credits as shown in the Approved Programme Schedule.
<b>Stage Credits:</b>	The First Year / Stage One of the BSc (Hons) in Architecture consists of 60 credits.
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per ten credit module; 300 per 15 credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Cork Centre for Architectural Education Book of Modules.
<b>Pass Standard (at module level):</b>	The pass standard for each module is 40%.
<b>Pass and Progression Standard (at programme level):</b>	To pass First Year and progress to Second Year, where a candidate is not availing of exemption(s), a candidate must obtain a pass in each module or pass the stage by compensation. In the case of a candidate availing of exemption(s) in any module(s), either on the basis of recognition of prior learning/previous cognate study or through having passed module(s) at a previous sitting of the examination, the candidate must achieve the pass standard of 40% in each examined module in order to pass and progress.
<b>Compensation:</b>	Where a stage consists of 60 credits, a candidate shall be entitled to pass the stage by compensation provided: <ul style="list-style-type: none"> <li>- a pass mark has been obtained in modules comprising a minimum of 55 of the 60 credits presented;</li> <li>- the module proposed for compensation is not a design studio module;</li> <li>- the mark in the compensated module is not more than 5% below the pass mark;</li> <li>- the surplus of the marks in the passed modules is at least double the deficiency in the failed module. The surplus is to be weighted by the credit value of the module; and</li> <li>- all of the module marks presented are first attempt marks.</li> </ul> A candidate who avails of compensation as described above will be awarded the 60 credits for the stage. Availing of compensation to pass a stage has no implication for the classification awarded. The student transcript or Diploma Supplement shall show the actual module marks achieved.
<b>Honours:</b>	A candidate who achieves the pass and progression standard is eligible for honours on the basis of actual marks achieved at the Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on recognition of prior learning / previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: First Class (H1): At least 70% (i.e. at least 840/1200 marks) Second Class, Grade I (H2.1): At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks). Second Class, Grade II/(H2.2): At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).
<b>Exemptions:</b>	All passed modules carry exemptions for five academic years.
<b>Supplemental Examination:</b>	A candidate who fails to achieve the pass standard for the year at the Summer Examination is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Re. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student transcript or Diploma Supplement.
<b>Repeat Year</b>	Unless debarred from so doing under the five year rule, a student is permitted to repeat the

	<b>BSC (HONS) in ARCHITECTURE</b>
	<b>FIRST YEAR EXAMINATION</b>
<b>Examinations:</b>	<p>year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on recognition of prior learning / previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Five Year Rule:</b>	Candidates must pass the stage/year and progress to Stage Two/Second Year within five academic years of the date of first registration for First Year, otherwise they cannot continue in the programme.

	<b>SECOND YEAR EXAMINATION</b>
<b>Time:</b>	Written Examinations will be held in the Summer. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard for the stage, there will be a Supplemental Examination following which an Examination Board will be convened.
<b>Modules:</b>	Candidates are examined in modules to a value of 60 credits as shown in the Approved Programme Schedule.
<b>Stage Credits:</b>	The Second Year / Stage Two of the BSc (Hons) in Architecture consists of 60 credits.
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per ten credit module; 300 per 15 credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Cork Centre for Architectural Education Book of Modules.
<b>Pass Standard (at module level):</b>	The pass standard for each module is 40%.
<b>Pass and Progression Standard (at programme level):</b>	To pass Second Year and progress to Third Year, where a candidate is not availing of exemption(s), a candidate must obtain a pass in each module or pass the stage by compensation. In the case of a candidate availing of exemption(s) in any module(s), either on the basis of recognition of prior learning/previous cognate study or through having passed module(s) at a previous sitting of the examination, the candidate must achieve the pass standard of 40% in each examined module in order to pass and progress.
<b>Compensation:</b>	<p>Where a stage consists of 60 credits, a candidate shall be entitled to pass the stage by compensation provided:</p> <p>a pass mark has been obtained in modules comprising a minimum of 55 of the 60 credits presented;</p> <ul style="list-style-type: none"> <li>- the module proposed for compensation is not a design studio module;</li> <li>- the mark in the compensated module is not more than 5% below the pass mark;</li> <li>- the surplus of the marks in the passed modules is at least double the deficiency in the failed module. The surplus is to be weighted by the credit value of the module; and</li> <li>- all of the module marks presented are first attempt marks.</li> </ul>

<b>SECOND YEAR EXAMINATION</b>	
	A candidate who avails of compensation as described above will be awarded the 60 credits for the stage. Availing of compensation to pass a stage has no implication for the classification awarded. The student transcript or Diploma Supplement shall show the actual module marks achieved.
<b>Honours:</b>	A candidate who achieves the pass and progression standard is eligible for honours on the basis of actual marks achieved at the Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on recognition of prior learning / previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. First and Second Class Honours shall be awarded as follows: First Class (H1): At least 70% (i.e. at least 840/1200 marks) Second Class, Grade I (H2.1): At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks). Second Class, Grade II/(H2.2): At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).
<b>Exemptions:</b>	All passed modules carry exemptions for five academic years.
<b>Supplemental Examination:</b>	A candidate who fails to achieve the pass standard for the year at the Summer Examination is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Re. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student transcript or Diploma Supplement.
<b>Repeat Year Examinations:</b>	Unless debarred from so doing under the five year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits her/him. (1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on recognition of prior learning / previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i> (2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply. In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).
<b>Five Year Rule:</b>	Candidates must pass the stage/year and progress to Stage Three/Third Year within five academic years of the date of first registration for Second Year, otherwise they cannot continue in the programme.

<b>THIRD YEAR EXAMINATION</b>	
<b>Time:</b>	Written Examinations will be held in the Summer. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard for the stage, there will be a

<b>THIRD YEAR EXAMINATION</b>	
	Supplemental Examination following which an Examination Board will be convened.
<b>Modules:</b>	Candidates are examined in modules to a value of 60 credits as shown in the Approved Programme Schedule.
<b>Stage Credits:</b>	The Third Year / Stage Three of the BSc (Hons) in Architecture consists of 60 credits.
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per ten credit module; 300 per 15 credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Cork Centre for Architectural Education Book of Modules.
<b>Pass Standard (at module level):</b>	The pass standard for each module is 40%.
<b>Pass and Progression Standard (at programme level):</b>	To pass Third Year and progress to Fourth Year, where a candidate is not availing of exemption(s), a candidate must obtain a pass in each module or pass the stage by compensation. In the case of a candidate availing of exemption(s) in any module(s), either on the basis of recognition of prior learning/previous cognate study or through having passed module(s) at a previous sitting of the examination, the candidate must achieve the pass standard of 40% in each examined module in order to pass and progress.
<b>Compensation:</b>	<p>Where a stage consists of 60 credits, a candidate shall be entitled to pass the stage by compensation provided:</p> <ul style="list-style-type: none"> <li>- a pass mark has been obtained in modules comprising a minimum of 55 of the 60 credits presented;</li> <li>- the module proposed for compensation is not a design studio module;</li> <li>- the mark in the compensated module is not more than 5% below the pass mark;</li> <li>- the surplus of the marks in the passed modules is at least double the deficiency in the failed module. The surplus is to be weighted by the credit value of the module; and</li> <li>- all of the module marks presented are first attempt marks.</li> </ul> <p>A candidate who avails of compensation as described above will be awarded the 60 credits for the stage. Availing of compensation to pass a stage has no implication for the classification awarded. The student transcript or Diploma Supplement shall show the actual module marks achieved.</p>
<b>Honours:</b>	<p>A candidate who achieves the pass and progression standard is eligible for honours on the basis of actual marks achieved at the Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on recognition of prior learning / previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours.</p> <p>First and Second Class Honours shall be awarded as follows:</p> <p>First Class (H1): At least 70% (i.e. at least 840/1200 marks)</p> <p>Second Class, Grade I (H2.1): At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200 marks).</p> <p>Second Class, Grade II/(H2.2): At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).</p>
<b>Exemptions:</b>	All passed modules carry exemptions for five academic years.
<b>Supplemental Examinations:</b>	<p>A candidate who fails to achieve the pass standard for the year at the Summer Examination is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</p> <p>Re. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student transcript or Diploma Supplement.</p>
<b>Repeat Year Examinations:</b>	<p>Unless debarred from so doing under the five year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.</p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible</p>

<b>THIRD YEAR EXAMINATION</b>	
	<p>for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on recognition of prior learning / previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply. In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Five Year Rule:</b>	Candidates must pass the stage/year and progress to the Final Degree Stage/Fourth Year within five academic years of the date of first registration for Third Year, otherwise they cannot continue in the programme.

<b>BSC (HONS) DEGREE EXAMINATION</b>	
<b>Time:</b>	Written Examinations will be held in the Summer. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard for the stage, there will be a Supplemental Examination following which an Examination Board will be convened.
<b>Modules:</b>	Candidates are examined in modules to a value of 60 credits as shown in the Approved Programme Schedule.
<b>Stage Credits:</b>	The Fourth Year/Final Degree Stage of the BSc (Hons) in Architecture consists of 60 credits.
<b>Marks Maxima:</b>	100 per five credit module; 200 per ten credit module; 300 per fifteen credit module. Total Marks: 1200.
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Cork Centre for Architectural Education Book of Modules.
<b>Pass Standard (at module level):</b>	The pass standard for each module is 40%.
<b>Pass and Progression Standard (at programme level):</b>	To pass Fourth Year, where a candidate is not availing of exemption(s), a candidate must obtain a pass in each module or pass the stage by compensation. In the case of a candidate availing of exemption(s) in any module(s), either on the basis of recognition of prior learning /previous cognate study or through having passed module(s) at a previous sitting of the examination, the candidate must achieve the pass standard of 40% in each examined module in order to pass and progress.
<b>Compensation:</b>	<p>Where a stage consists of 60 credits, a candidate shall be entitled to pass the stage by compensation provided:</p> <ul style="list-style-type: none"> <li>- a pass mark has been obtained in modules comprising a minimum of 55 of the 60 credits presented;</li> <li>- the module proposed for compensation is not a design studio module;</li> <li>- the mark in the compensated module is not more than 5% below the pass mark;</li> <li>- the surplus of the marks in the passed modules is at least double the deficiency in the failed module. The surplus is to be weighted by the credit value of the module; and</li> <li>- all of the module marks presented are first attempt marks.</li> </ul> <p>A candidate who avails of compensation as described above will be awarded the 60 credits for the stage. Availing of compensation to pass a stage has no implication for the classification awarded. The student transcript or Diploma Supplement shall show the actual module marks achieved.</p>
<b>Honours:</b>	A candidate who achieves the pass and progression standard is eligible for honours on the



<b>BSC (HONS) DEGREE EXAMINATION</b>	
	<p>basis of actual marks achieved at the Summer Examination and capped marks at the Autumn Supplemental Examination, with any exempted modules, based on recognition of prior learning/previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours.</p> <p>First and Second Class Honours shall be awarded as follows:            First Class/H1: At least 70% (i.e. at least 840/1200 marks)            Second Class, Grade I/2:1: At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200marks).            Second Class, Grade II/2:2: At least 50% but less than 60% (i.e. at least 600/1200 marks but less than 720/1200 marks).</p>
<b>Exemptions:</b>	All passed modules carry exemptions for five academic years.
<b>Supplemental Examination:</b>	<p>A candidate who fails to achieve the pass standard for the year at the Summer Examination is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board.</p> <p>Re. Capping of Marks at a Supplemental Examination: In determining honours, the maximum mark that will be taken into account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student transcript or Diploma Supplement.</p>
<b>Repeat Year Examinations:</b>	<p>Unless debarred from so doing under the five year rule, a student is permitted to repeat the year under one of the following mechanisms, the individual repeat student choosing whichever mechanism best suits him/her.</p> <p><i>Note: Final Year students wishing to repeat the year with a view to improving their degree result may do so only if they have not been conferred.</i></p> <p>(1) A student may retain exemptions, if any, and repeat all failed/absent modules. In order to pass and progress, a candidate must achieve a pass mark in each examined module. A candidate, who achieves the pass and progression standard, is eligible for honours on the basis of actual marks achieved at the Summer Examination of the first attempt year and capped marks at Supplemental and Repeat Year Examinations, with any exempted modules, based on recognition of prior learning / previous cognate study, deemed to have been passed at a mark of 40% for the purposes of determining honours. <i>Note: For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the Summer Examination of a Repeat Year.</i></p> <p>(2) A student may repeat the year taking the full 60 credits. In determining pass, progression and honours, the rules applicable to a first attempt year will apply.</p> <p>In the case of a candidate choosing option (2) and failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass and progression standard for the year on the combined results from the repeat and earlier year(s).</p>
<b>Five Year Rule:</b>	Candidates must pass the Honours Stage/Fourth Year within five academic years of the date of first registration for Fourth Year, otherwise they cannot continue in the programme.



## STAGE REGULATIONS FOR POSTGRADUATE CERTIFICATE

<b>POSTGRADUATE CERTIFICATE IN ARCHITECTURAL PROFESSIONAL PRACTICE AND EXPERIENCE</b>	
<b>Time:</b>	Written Examinations will be held in Summer. Marks for all modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard for the year at the Summer Examination, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>30 credits as shown in the Approved Programme Schedule.</b>
<b>Stage Credits:</b>	The Postgraduate Certificate Stage consists of 30 credits.
<b>Marks Maxima:</b>	100 per 5 credit module; 200 per ten credit module: Total Marks: 600
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Cork Centre for Architectural Education Book of Modules.
<b>Pass Standard (at module level):</b>	The pass standard for each module is 50%. Special Requirements for individual modules, if any, are detailed in the Cork Centre for Architectural Education Book of Modules.
<b>Pass Standard (at programme level):</b>	To pass and qualify for the award, where a candidate is not availing of exemption(s), a candidate must obtain a pass in each module. In the case of a candidate availing of exemption(s) in any module(s), either on the basis of recognition of prior learning / previous cognate study or through having passed module(s) at a previous sitting of the examination, the candidate must achieve the pass standard of 50% in each examined module in order to pass and progress.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examination:</b>	Please refer to the Cork Centre for Architectural Education Book of Modules for requirements governing the Autumn Supplemental Examination for individual modules. <i>Note: For some modules there is no Autumn Supplemental Examination.</i> A candidate who fails to achieve the pass standard for the year at the Summer Examination is permitted to repeat all failed/absent modules at the Autumn Supplemental Examination, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: The maximum mark that will be taken into account in passed repeated module(s) is 50%. The actual mark achieved by the candidate will be recorded on the student transcript or Diploma Supplement.
<b>Repeat Year Examinations:</b>	Unless debarred from so doing under the five year rule, a student is permitted to repeat the year under the following mechanism: A student may repeat the year taking the full 30 credits. In determining pass, the rules applicable to the first attempt year will apply. In the case of a candidate failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass standard for the year on the combined results from the repeat and earlier year(s).
<b>Five Year Rule:</b>	Candidates must pass the Postgraduate Certificate Stage within five academic years of the date of first registration for the Postgraduate Certificate, otherwise they cannot continue in the programme.

## STAGE REGULATIONS FOR MASTER OF ARCHITECTURE DEGREE

<b>MASTER OF ARCHITECTURE</b>	
<b>Time:</b>	Examinations will be held at the end of the Second Semester/Teaching Period Two, and at the end of the third Semester/Teaching Period Three. The second of these examination boards will also constitute the Awards Board. For candidates failing to achieve the pass standard at the Board at the end of the Second Semester/Teaching Period Two, there will be a Supplemental Examination at the end of the Third Semester/Teaching Period Three in the same year, or at the end of the Second Semester/Teaching Period Two in the following year. For candidates failing to achieve the pass standard at the Board at the end of the Third Semester/Teaching Period Three, there will be a Supplemental Examination at the end of the Third Semester/Teaching Period Three in the following year.
<b>Modules:</b>	Candidates are examined in modules to a value of <b>60 credits</b> at Second Semester/Teaching Period Two as shown in the Approved Programme Schedule. Candidates are examined in modules to a value of <b>30 credits</b> at Third Semester/Teaching Period Three as shown in the Approved Programme Schedule.
<b>Stage Credits:</b>	The First Semester/Teaching Period One and the Second Semester/Teaching Period Two together consist of 60 credits. The Third Semester/Teaching Period Three consists of 30 credits.
<b>Marks Maxima:</b>	200 per ten credit module; 300 per 15 credit module; 400 per 20 credit module; 600 per 30 credit module
<b>Distribution of Marks:</b>	Distribution of marks and assessment details for individual modules are contained in the Cork Centre for Architectural Education Book of Modules.
<b>Pass Standard (module level):</b>	The pass standard for each module is 50%. Special Requirements for individual modules, if any, are detailed in the Cork Centre for Architectural Education Book of Modules.
<b>Pass Standard (programme level):</b>	To pass and qualify for the award, where a candidate is not availing of exemption(s), a candidate must obtain a pass in each module. In the case of a candidate availing of exemption(s) in any module(s), either on the basis of recognition of prior learning/previous cognate study or through having passed module(s) at a previous sitting of the examination, the candidate must achieve the pass standard of 50% in each examined module.
<b>Exemptions:</b>	All passed modules carry an exemption, which is limited to a period of five academic years subsequent to the award of the exemption.
<b>Supplemental Examination:</b>	Please refer to the Cork Centre for Architectural Education Book of Modules for requirements governing Supplemental Examination for individual modules if these are available. A candidate who fails to achieve the pass standard at the Examination at the end of the Second Semester/Teaching Period Two is permitted to repeat modules the following year, or re-submit at the end of the Third Semester/Teaching Period Three, where there is provision to do so and if not disallowed by the Examination Board. Capping of Marks at a Supplemental Examination: The maximum mark that will be taken into account in passed repeated module(s) is 50%. The actual mark achieved by the candidate will be recorded on the student transcript or Diploma Supplement.
<b>Repeat Year Examinations:</b>	Unless debarred from so doing under the five year rule, a student is permitted to repeat the year under the following mechanism: A student may repeat the year taking the full 90 credits. In determining pass, the rules applicable to the first attempt year will apply. In the case of a candidate failing the repeat year as a result of failing module(s) already passed in a previous year, a pass for the year will be awarded by the Examination Board, provided the candidate achieves the pass standard for the year on the combined results from the repeat and earlier year(s).
<b>Five Year Rule:</b>	Candidates must pass Teaching Periods One, Two and Three within five academic years of the date of first registration for the Master of Architecture, otherwise they cannot continue in the programme.
<b>Honours:</b>	A Distinction will be awarded to students obtaining at least 70% of the total available marks of the 90 credits (Parts I and II) in the Masters programme (i.e. at least 1260/1800 marks).

### PhD (Engineering Science) First University Examination

<b>Time</b>	Marks and judgements for all modules will be presented to the programme examination board which will meet in the summer. Failed/absent modules may be re-taken at a Supplemental Examination or in a repeat year with marks presented to the next meeting of the Examination Board
<b>Modules</b>	Students taking the PhD Engineering Science (Stream 1) take taught modules to the value of 30 credits as defined in the Calendar and undertake research work to the value of 150 credits during years 1 and 2. Students taking the PhD in Engineering Science (Stream 2) and Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship take taught modules to the value of 40 credits as defined in the Calendar and undertake research work to the value of 140 credits in years 1 and 2.
<b>Marks Maxima</b>	As defined in the book of modules
<b>Pass Standard (module level)</b>	The pass standard for each module is provided in the module description
<b>Distribution of Marks</b>	Assessment details for individual modules are contained in the Book of Modules
<b>Pass and Progression Standard</b>	To progress to second year, a student must demonstrate satisfactory progress in their research, as documented by progress reviews presented to the student's progress review panel. The Tyndall Graduate Student Supervision Procedure defines requirements for a student's progress review panel as well as requirements for each progress review period. Students may be permitted to progress to Second Year without having passed all taught modules in First Year.
<b>Supplemental Examinations</b>	For students failing to achieve the pass standard in taught modules at Spring or Summer exams there may be a Supplemental examination in the Autumn or next meeting of the Examination Board, depending on the module.

### PhD (Engineering Science) Second University Examination

<b>Time</b>	Marks and judgements for all modules will be presented to the examination board which will meet in the summer.  Failed/absent modules may be re-taken at a Supplemental Examination or in a repeat year with marks presented to the next meeting of the Examination Board
<b>Modules</b>	Students taking the PhD in Engineering Science (Stream 1) take taught modules to the value of 40 credits as defined in the Calendar and undertake research work to the value of 150 credits during years 1 and 2. Students taking the PhD in Engineering Science (Stream 2) with Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship take taught modules to the value of 40 credits as defined in the Calendar and undertake research work to the value of 140 credits in years 1 and 2.
<b>Marks Maxima</b>	As defined in the book of modules
<b>Pass Standard (module level)</b>	The pass standard for each module is as defined in the book of modules.
<b>Distribution of Marks</b>	Assessment details for individual modules are contained in the Book of Modules.
<b>Pass and Progression Standard</b>	To pass second year and progress to third year, a student must:

	<ol style="list-style-type: none"> <li>1. Demonstrate satisfactory progress in their research, as documented by progress reviews presented to the student's progress review panel.</li> <li>2. Have passed taught modules to the value of 30 credits (stream1) or 40 credits (stream2) over Years 1 and 2, in accordance with the requirements specified in the Book of Modules,.</li> </ol> <p>Progression of all students from second to third year will be subject to approval by the programme examination board, which will meet in the summer. The programme examination board may make one of the following recommendations for students who do not demonstrate satisfactory progress in their research and/or have not passed their module requirements;</p> <ol style="list-style-type: none"> <li>1. Students may be permitted to proceed to Third Year without having passed the taught modules as specified above..</li> <li>2. The programme examination board may decide to stop a student from progressing to the third year of this programme if they have not demonstrated satisfactory progress in their research, as determined in line with UCC policy on progress reviews for research student</li> <li>3. The programme examination board may recommend that a student be permitted to transfer to another postgraduate course.</li> </ol>
<b>Supplemental Examinations</b>	For students failing to achieve the pass standard in taught modules at Spring or Summer exams there may be a Supplemental examination in the Autumn or next meeting of the Examination Board, depending on the module..

### PhD Engineering Science Third University Examination

<b>Time</b>	<p>Marks for all modules will be presented to the examination board which will meet in the summer.</p> <p>For students failing to achieve the pass standard, as defined in the module entry, at Spring or Summer exams there may be a Supplemental examination in the Autumn or next meeting of the Examination Board, depending on the module.</p>
<b>Modules</b>	<p>Students taking the PhD in Engineering Science (Stream 1) undertake research work to the value of 90 credits during year 3.</p> <p>Students taking the PhD in Engineering Science (Stream 2) with Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship take taught modules to the value of 15 credits as defined in the Calendar and undertake research work to the value of 75 credits in year 3.</p>
<b>Marks Maxima</b>	As defined in the book of modules
<b>Pass Standard (module level)</b>	The pass standard for each module is as defined in the book of modules.
<b>Distribution of Marks</b>	Assessment details for individual modules are contained in the Book of Modules.
<b>Pass and Progression Standard</b>	<p>To pass third year and progress to fourth year, a student must</p> <ol style="list-style-type: none"> <li>1. demonstrate satisfactory progress in their research, as documented by progress reviews presented to the student's progress review panel, <b>and</b></li> <li>2. in addition, all students must have successfully completed and passed all taught modules for the structured element of their programme by the end of year 3.</li> </ol> <p>Students not satisfying these requirements must withdraw from the programme.</p>
<b>Supplemental Examinations</b>	For students failing to achieve the pass standard in taught modules at Spring or Summer exams there may be a Supplemental examination in the Autumn, depending on module, and marks presented at the Autumn Examinations Board which will meet if required.

## PhD (Engineering Science) Final University Examination

<b>Time</b>	<p>The student must submit and defend their research thesis according to rules and regulations defined by UCC for the awarding of PhD degrees. Students are required to have passed the taught modules credit requirements prior to submission of the thesis.</p> <p>The result of the thesis assessment will be forwarded to the Academic Council Graduate Studies Committee. See PhD Regulations under “Examination.”</p>
	<p><b>Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship</b></p> <p>Students who have successfully completed and passed the additional taught modules to the value of 30 credits (i.e. Stream 2) will be awarded the Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship along with their PhD award.</p>

