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# UNIVERSITY COLLEGE CORK



MARKS AND STANDARDS EXAMINATIONS 2025-2026

COLLEGE OF SCIENCE, ENGINEERING AND FOOD SCIENCE

ENGINEERING AND ARCHITECTURE

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# Engineering & Architecture Marks & Standards 2024-25

## 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 (W inter); **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 W inter 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for medical reasons or other personal circumstances from attending all or part of the Examination, and who has not withdrawn from the programme, should submit to the Deputy President & Registrar a full report (including a medical certificate) or a full report setting out the other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 (W inter). 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).

**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**

Programme Listing: BE (Civil, Structural and Environmental), BE (Electrical and Electronic), BE (Energy), BE (Process and Chemical), BE/ME Pathway (Civil, Structural and Environmental), BE/ME Pathway (Electrical and Electronic), BE/ME Pathway (Energy), BE/ME Pathway (Process and Chemical), ME (Civil, Structural and Environmental), ME (Electrical and Electronic), ME (Energy), ME (Process and Chemical)

### **Examination Boards**

- Marks for all modules taken in Semester I and II, including those wholly assessed by Continuous Assessment, 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.
- Examination Boards for programmes whose Examination Boards fall outside of this schedule are listed in **Table 1**.
- *Provisional* marks for Semester 1 examinations are released in February of each year. These marks are subject to approval at the University Examination Board held in summer.

**Table 1: Examination Boards for programmes that fall outside of the standard summer (with supplemental at autumn) schedule**

Programme Title	Year	Examination Board	Supplemental Examination Board
<b>ME (Civil, Structural and Environmental)</b>			
<b>ME (Electrical and Electronic)</b>			
<b>ME (Energy)</b>			
<b>ME (Process and Chemical)</b>			
	4	Marks for Part A will be presented at Summer Board	Marks for Part B placement modules CE6008, EE6060, NE6060 or PE6060 will be presented at Autumn Board

### **Programme Description**

- The Programme Description may be found in the University Calendar (<https://www.ucc.ie/admin/calendar>).

### **Modules Descriptions/Assessment**

- Module Descriptions, including assessment elements and their weightings, are contained in the Book of Modules ([www.ucc.ie/modules/](http://www.ucc.ie/modules/)).

### **Marks and credits**

- A maximum of 100 marks may be awarded for every five credits of a programme
- Some modules are assessed on a PASS/FAIL basis only i.e. marks are not awarded ([www.ucc.ie/modules/](http://www.ucc.ie/modules/)).

### Credits and Marks Maxima

- A maximum of 60 credits, equating to Total Marks of 1,200 may be awarded per year of a programme unless a module is assessed on a PASS/FAIL basis only. For a full list of credits and marks maxima for all years of all programmes that fall outside of the standard Credits and Marks Maxima structure, see **Table 2**.

**Table 2: Details of programmes that fall outside the standard (60) Credits per year and/or (1,200) Marks Maxima.**

Programme Title	Year	Credits	Marks Maxima
<b>BE/ME Pathway (Civil, Structural and Environmental)</b>		60	600 marks to Summer Board (Part A),
<b>BE/ME Pathway (Electrical and Electronic)</b>	4	30 credits each to Summer (Part A) and Autumn Boards (part B)	600 Marks to Autumn Board (part B)
<b>BE/ME Pathway (Energy)</b>			
<b>BE/ME Pathway (Process and Chemical)</b>			

### Pass Standard (module level)

- The pass standard for each module is 40%. Special Requirements for individual modules, if any, are detailed in the Book of Modules ([www.ucc.ie/modules/](http://www.ucc.ie/modules/)).

### Pass, Pass by Compensation and Progression Standard (Programme level) - see Table 3 for any additional or alternative regulations to those listed here.

- To pass a year where compensation is permitted, candidates must achieve:
  1. an overall mark of 40% across all modules
  2. at least 50 credits with a mark of not less than 40% in each module
  3. a pass by compensation to a maximum of 10 credits with a mark not less than 30% in these modules.

**Note: Please refer to Table 3 for full details on compensation. Compensation is not allowed in all, or some, years of some Engineering programmes.**

**Table 3: Specific additional or alternative regulations governing Pass, Pass by Compensation and Progression**

**Standard for individual programmes**

Programme Title	Year	Compensation mark	Special Requirements
<b>BE (Civil, Structural and Environmental)</b> <b>BE (Electrical and Electronic)</b> <b>BE (Energy)</b>	3		<p><b>To allow progression to the relevant ME Programme ONLY:</b> Pass in all 60 credits and average mark of <math>\geq 50\%</math> across all modules.</p> <p>When 3<sup>rd</sup> year (or a semester of 3<sup>rd</sup> year) is studied abroad, the average marks for 1<sup>st</sup>, 2<sup>nd</sup> and the non-pass/fail modules in 3<sup>rd</sup> year, where applicable, must be <math>\geq 50\%</math> to allow progression to applicable ME degree programme.</p> <p>If one taught 3<sup>rd</sup> year semester is taken abroad, no compensation is allowed for modules studied in UCC.</p>
<b>BE (Process and Chemical)</b>	3	No compensation	<p><b>Additionally, To allow progression to the ME (Process and Chemical) programme ONLY:</b> Pass in all 60 credits and average mark of <math>\geq 50\%</math> across all modules required to allow progression to ME (Process and Chemical). When 3<sup>rd</sup> year (or a semester of 3<sup>rd</sup> year) is studied abroad, the average marks for 1<sup>st</sup>, 2<sup>nd</sup> and the non-pass/fail modules in 3<sup>rd</sup> year module marks , where applicable, must be <math>\geq 50\%</math>. If one taught 3<sup>rd</sup> year semester is taken abroad, no compensation is granted for modules studied in UCC.</p>
<b>BE (Civil, Structural and Environmental)</b>	4		Pass CE4002 and one of CE4008, CE4014 or CE4019.
<b>BE (Electrical and Electronic)</b>	4		Pass EE4050.

<b>BE (Energy)</b>	4		Pass NE4020.
<b>BE (Process and Chemical)</b>	4		No compensation.
<b>BE/ME Pathway (Civil, Structural and Environmental)</b>  <b>BE/ME Pathway (Electrical and Electronic)</b>  <b>BE/ME Pathway (Energy)</b>  <b>BE/ME Pathway (Process and Chemical)</b>	4	No compensation	<p>Students must pass all modules to the value of 60 credits. If the placement module (CE6008, EE6060, NE6060, or PE6060) is not passed then the student must transfer to the BE degree programme, with exemptions granted for the modules already passed during the BE(Hons.)/ME Pathway (4<sup>th</sup> Year).</p> <p>There is no exit award at the end of the BE/ME Pathway (Fourth year).</p>
<b>ME (Civil, Structural and Environmental)</b>  <b>ME (Electrical and Electronic)</b>  <b>ME (Energy)</b>  <b>ME (Process and Chemical)</b>	5		<p>Students must (i) pass all modules to the value of 60 credits; (ii) obtain a mark of <math>\geq 50\%</math> for the relevant dissertation module in <u>5<sup>th</sup> Year</u> (CE6009, EE6050, NE6017, or PE6050) and (iii) obtain an overall aggregate of 1000/2000 marks (50%) across a combination of all <u>5<sup>th</sup> year</u> modules (1200 marks), <u>Part A 4<sup>th</sup> year</u> ME Pathway modules (600 marks) and <u>1/3 of the marks for the Part B 4<sup>th</sup> year</u> ME Pathway placement module (CE6008, EE6060, NE6060 or PE6060) (200 marks).</p> <p>A student who fails to satisfy the conditions for the ME degree award over the Summer and Autumn examinations in the first year of Year 5 registration, is eligible for the award of the BE degree when the following conditions are met:</p> <ol style="list-style-type: none"> <li>1. Obtain a mark of at least 40% in the dissertation/project module (CE6009, EE6050, NE6017, or PE6050). (20 credits) AND in</li> </ol>

			<p>CE6010, where applicable (10 credits)</p> <p>2. Pass other taught modules to the value of at least 20 credits in the ME Degree Year (5th year), for ME(Electrical and Electronic Engineering, ME (Energy Engineering) Or ME(Process and Chemical Engineering) candidates, or pass 15 additional credits for (Civil structural and Environmental Engineering) .</p>
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#### Calculation of Honours

- Honours are awarded for each year on the basis of actual marks achieved at the Winter/Summer/Spring Examination and capped marks at the Autumn Supplemental Examination with any cognate study deemed to have been passed at a mark of 40% for the purpose of determining honours. For a list of programmes that do not award honours for a particular year or have different criteria for the awarding of honours, **see Table 4.**
- Honours are awarded as follows:
  - **First Class Honours:**  $\geq 70\%$
  - **Second Class Honours, Grade I:**  $\geq 60\%, < 70\%$
  - **Second Class Honours, Grade II:**  $\geq 50\%, < 60\%$
  - **Pass:**  $\geq 40\%, < 50\%$

**Note:** *Third Class Honours are not awarded for any Engineering degrees.*

**Table 4: Programmes that do not award honours for a particular year or have different criteria for the awarding of honours**

Programme Title	Year	Honours	Criteria
<b>BE/ME(Pathway) (Civil, Structural and Environmental)</b>			
<b>BE/ME Pathway (Electrical and Electronic)</b>	4	Yes	Honours for the year are awarded on the aggregate mark for <u>Part A</u> modules ( <b>600</b> marks total), provided that the student has passed overall.
<b>BE/ME Pathway (Energy)</b>			
<b>BE/ME Pathway (Process and Chemical)</b>			
<b>ME (Civil, Structural and Environmental)</b>	5	Yes	Honours for the year are awarded on the aggregate mark ( <b>2000</b> marks total) as follows: <u>4<sup>th</sup> year: 100%</u> of

<b>ME (Electrical and Electronic)</b>  <b>ME (Energy)</b>  <b>ME (Process and Chemical)</b>		all modules in Part A ( <b>600</b> marks) and 1/3 (CE6008, EE6060, NE6060 or PE6060) placement Part B ( <b>200</b> marks) - <b>800</b> marks total;  <u>5<sup>th</sup> year</u> 100% - <b>1200</b> marks total.
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**Carry Forward Previous Marks for the Calculation of Final Year Marks /Degree Award Calculation – See Table 5 for programme listing**

**Table 5: Degree Award Calculation**

Programme Title	Degree Award Calculation
<b>BE (Civil, Structural and Environmental)</b>  <b>BE (Electrical and Electronic)</b>  <b>BE (Energy)</b>  <b>BE (Process and Chemical)</b>	The degree is awarded on the aggregate mark of  (i) 50% <u>3<sup>rd</sup> Year</u> <b>600</b> marks and  (ii) 100% <u>4<sup>th</sup> year</u> <b>1200</b> marks.  <b>Total 1800 marks</b>
<b>BE/ME Pathway (Civil, Structural and Environmental)</b>  <b>ME (Electrical and Electronic)</b>  <b>ME (Energy)</b>  <b>ME (Process and Chemical)</b>	The degree is awarded on the aggregate mark of  (i) <u>4<sup>th</sup> year</u> : 100% of all modules in Part A of Fourth Year ( <b>600 marks</b> ) and 1/3 (33.333%) placement module Part B (CE6008, EE6060, NE6060 or PE6060) ( <b>200 marks</b> ). <u>4<sup>th</sup> year</u> : <b>800 marks total</b> and  (ii) <u>5<sup>th</sup> year</u> : 100% of all 5th year modules - <b>1200 marks</b>  <b>Total 2000 marks</b>  The ME degree is not awarded in a repeat year.
<b>BE (Exit) Award (Civil, Structural and Environmental) (for ME Year 5 students who do not fulfil the standards required for</b>	Honours for the year are awarded on the aggregate mark ( <b>1800 marks total</b> ) as follows:  1. 50% of the mark for the 60 credits of the BE (3rd year) University examination, once passed (600 marks).

<p><b>the award of the ME degree).</b></p>	<p>2. The mark obtained for the 30 credits taken in Part A of the BE(Hons.)/ME Pathway (4th year) University Examination, once passed (600 marks).</p> <p>3. 50% of the mark obtained in CE6009, once passed (200 marks).</p> <p>50% of the mark obtained for CE6010, once passed (100 marks).</p> <p>4. The mark obtained for the best 15 credits of passed taught modules in 5th year (excluding CE6009 and CE6010,). (300 marks)</p> <p>For students who availed of a pass/fail Year Abroad in 3rd Year, the applicable marks obtained in Years 4 and 5 are scaled by 150% (maximum 1800). If semester Year 3 abroad, the revised scalings are 120% of the 4th year and 5th year marks and 60% of the 600 marks maximum for 3rd year semester spent in UCC.</p>
<p><b>BE (Exit) Award (Electrical and Electronic)</b></p> <p><b>BE (Exit) Award (Energy)</b></p> <p><b>BE (Exit) Award (Process and Chemical)</b></p> <p><b>(for ME Year 5 students who do not fulfil the standards required for the award of the ME degree.</b></p>	<p>Honours for the year are awarded on the aggregate mark (<b>1800 marks total</b>) as follows:</p> <p>1. 50% of the mark for the 60 credits of the relevant BE (3rd year). University examination, once passed (600 marks).</p> <p>2. The mark obtained for the 30 credits taken in Part A of the BE(Hons.)/ME Pathway (4th year) University Examination, once passed (600 marks).</p> <p>3. 50% of the mark obtained in relevant project/dissertation module in 5th Year (EE6050, NE6017, or PE6050), once passed (200 marks).</p> <p>4. The mark obtained for the best 20 credits of passed taught modules in 5th year (excluding EE6050, NE6017, or PE6050), (400 marks).</p> <p>For students who availed of a passed, pass/fail Year Abroad in 3rd Year , an identical rubric is applied but with applicable marks obtained, in Years 4 and 5 rescaled by 150%, giving a total maximum of 1800 marks.</p> <p>If a single semester is studied abroad, the applicable 4 and 5th</p>

		year marks will be scaled by 120% as will those for the semester taken in UCC, again giving a maximum of 1800 marks.
<b>BE (Ordinary) in Engineering Studies (Based on Engineering, Year 3)</b>	<b>BE (ordinary in Engineering Studies (Based on BE Engineering, Year 3)</b>	Students who pass the Third University Examination in any of the disciplines of Engineering: BE (Hons) (Civil, Structural and Environmental, or BE(Hons) (Electrical and Electronic), or BE(Hons) (Energy), or BE(Hons) (Process and Chemical), and qualify to proceed to the final year, may opt instead to be conferred with a BE (Ordinary) degree in Engineering Studies. For such third-year students who opt to exit the BE programme with an Ordinary Degree in Engineering Studies, compensation will be allowed, even if it is not permitted for progression purposes to year 4. Students failing to achieve a pass in all 60 credits must pass modules to the value of at least 50 credits, with marks of at least 30% in the other 10 credits and have an overall mark for the Third University Examination of at least 480/1200.

**Year/Semester Abroad see Table 6.**

- All marks and/or pass/fail judgements for a year abroad will be presented to an Autumn Examination Board. Marks or pass/fail judgments for semesters abroad will be presented at the most applicable Examination Board depending on when marks become available.
- Where a programme includes a year/semester spent studying in another University, students will be assessed by their host university.
- To pass the year/semester abroad and progress to the subsequent year, a candidate must achieve a pass standard as applied by the host institution on a set of modules approved by the host institution.
- For students failing to achieve a pass mark, there will be Supplemental Assessment on equivalent course content prescribed by the School/Department in UCC and these results will be presented at a Supplemental Winter Examination Board, held in UCC.
- The Supplemental examination assessment type will be prescribed by the appropriate School/Department; marks will be capped (See *Supplemental Examinations* below).

**Table 6: Year/Semester Abroad regulations governing Pass, Pass by Compensation and Progression Standard and Degree Award Calculation**

Programme Title	Year	Criteria
All BE programmes	3	<p>Year 3 abroad: Option 2 applies: No grade translation. 4<sup>th</sup> Year marks only, with scaling of marks of 150% (Maximum = 1800 marks).</p> <p>Semester of Year 3 abroad: revised scaling is 120% 4<sup>th</sup> year marks + 60% 3<sup>rd</sup> year marks, for 30 credit semester in UCC).</p>

### Exemptions

- All passed modules carry an exemption, which is limited to a period of 5 academic years (or 2 in the case of Computer Science modules) subsequent to the award of the exemption.
- Where a student fails to achieve the PASS standard required to progress to a subsequent year, they are EXEMPT from further examination in those modules where a PASS mark has been achieved. All failed modules must be taken at the supplemental examination.

### Supplemental Examinations:

- Supplemental Examinations for Semesters 1 and 2 will be held in Autumn.
- Please refer to the Book of Modules ([www.ucc.ie/modules/](http://www.ucc.ie/modules/)) for requirements governing the Supplemental Examination for individual modules. **Note:** For some modules there is no Supplemental Examination.
- Students who fail to achieve the pass standard for the year at the first attempt **must repeat all failed/absent modules at the Supplemental Examination, including those modules where the failing mark previously achieved was greater than the level of compensation (≥30%)**, (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 Board. The pass/progression rule is then applied to the combination of marks carried forward in passed modules and the (capped – see below) marks achieved in repeated modules.
- Note: Students will not be allowed to repeat certain modules in the Autumn Supplemental Examination if they achieve a mark of less than 40% in the Practical Component of Continuous Assessment. (Full details contained in the Book of Modules).

### Capping of Marks at a Supplemental Examination

- In determining aggregation and progression and the calculation of honours, the maximum mark that will be taken into account is a pass level (40%). The actual mark achieved by the candidate will be recorded on the student record (Academic Transcript).

### Repeat Year Examinations

- Students repeating the year may do so choosing one of the following mechanisms. Students are eligible for the award of honours in the first Repeat Year only.
  1. Students retain exemptions, if any, and must repeat all failed/absent modules **including those modules where the failing mark previously achieved was greater than the level of compensation ( $\geq 30\%$ )**. In determining aggregation and progression and the calculation of the award of honours, full marks achieved in modules passed at the first attempt, plus capped marks achieved in modules at Supplemental/Repeat Year Examinations are used.

**Note:** For students selecting different modules not previously taken, there are no restrictions on the marks awarded for those modules at the first attempt in a Repeat Year.

2. Students may repeat the year taking the full 60 credits.\* In determining aggregation and progression and the calculation of award of honours, there is no restriction on the marks awarded for modules taken at the first attempt of the Repeat Year. Modules taken at the subsequent Supplemental Examination are capped at the pass mark.

*\*For programmes that have a Work Placement module for that year, students may repeat the year taking the credit value of the taught modules only if the Work Placement module has been passed.*

Subject to capacity, all students - whether they have failed or passed – are allowed to choose this option in an attempt to improve their grade.

Where a candidate choosing option 2 also fails the Repeat Year as a result of failing module(s) already passed in the previous year, the aggregation and progression rules as laid out in Option 1 will apply. In the case of candidates choosing option 2 who had already passed at their first attempt year, but who fail the examination in a Repeat Year as a result of failing module(s) already passed in a previous year, the original programme level judgement and associated marks will be awarded.

- 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.

### **Three Year Rule**

- Candidates must pass/progress within three academic years of the date of first registration for a year, otherwise they cannot continue in the programme without special permission.

## **CERTIFICATE PROGRAMMES**

PG Certificate in Offshore Renewable Energy	
<b>Time:</b>	Marks for the taught modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board, with the results of module NE6221 (Work-based module) presented to the Autumn Examination Board. For candidates failing to achieve the pass standard in the taught modules at the Summer Examination Board, there will be a Supplemental Examination in Autumn.
<b>Modules:</b>	Students take 30 credits of modules as follows: <a href="http://www.ucc.ie/admin/registrar/calendar/engineering/eng010.html">http://www.ucc.ie/admin/registrar/calendar/engineering/eng010.html</a>
<b>Marks Maxima:</b>	100 marks per 5 credit module in 5 modules. One module pass/fail only. Total Marks: 500 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/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%.
<b>Pass and Progression Standard (programme level):</b>	To be awarded the Postgraduate Certificate, a candidate must obtain a pass in each module to the value of 30 credits
<b>Honours:</b>	<p>Honours will be awarded on the basis of the overall aggregate marks awarded as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 350/500 marks (i.e. 70% and above)</p> <p><b>Second Class Honours level I:</b> an aggregate of at least 300/500 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours level II:</b> an aggregate of at least 250/500 marks (i.e. 50% and above but less than 60%)</p> <p><b>Pass:</b> an aggregate of at least 200/500 marks (i.e. 40% and above but less than 50%)</p>
<b>Exemptions:</b>	<p>Exemptions:</p> <p>All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption.</p>
<b>Supplemental Examinations:</b>	<p>Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules. Note: for some modules there is no Supplemental Examination.</p> <p>A candidate who has failed to achieve the pass standard of modules at the</p>

	<p>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, or in a Repeat Year (see below).</p> <p>Marks from all passed modules are carried forward to the Supplemental Examination.</p>
<b>Capping of Marks at a Supplemental Examination:</b>	In determining aggregation and the calculation of 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>	Students repeating the year retain exemptions, if any, and must 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 Supplemental and Repeat Year Examinations are used.

## **DIPLOMA PROGRAMMES**

<b>PG Diploma in Energy Innovation for Zero Carbon</b>	
<b>Time:</b>	Marks for the taught modules, including those wholly assessed by Continuous Assessment, will be presented to the Summer Examination Board, with the results of module NE6221 (Work-based module) presented to the Autumn Examination Board. For candidates failing to achieve the pass standard in the taught modules at the Summer Examination Board, there will be a Supplemental Examination in Autumn.
<b>Modules:</b>	Students take 60 credits of modules as follows: <a href="http://www.ucc.ie/admin/registrar/calendar/engineering/eng010.html">http://www.ucc.ie/admin/registrar/calendar/engineering/eng010.html</a>
<b>Marks Maxima:</b>	100 marks per 5 credit module in 10 modules, pass/fail only in 2 modules. Maximum Marks: 1000.
<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/">www.ucc.ie/academic/modules/</a> ).
<b>Pass Standard (module level):</b>	The pass standard for each module is 40%.
<b>Pass and Progression Standard (programme level):</b>	<p>To be awarded the Postgraduate Diploma, a candidate must obtain a pass in each module to the value of 60 credits.</p> <p>Eligibility to progress to part II of the MEngSc in Sustainable Energy in the following academic year requires a minimum of 50% (500 marks)</p>

<b>Honours</b>	<p>Honours will be awarded on the basis of the overall aggregate marks awarded as follows:</p> <p><b>First Class Honours:</b> an aggregate of at least 700/1000 marks (i.e. 70% and above)</p> <p><b>Second Class Honours level I:</b> an aggregate of at least 600/1000 marks (i.e. 60% and above but less than 70%)</p> <p><b>Second Class Honours level II:</b> an aggregate of at least 500/1000 marks (i.e. 50% and above but less than 60%)</p> <p><b>Pass:</b> an aggregate of at least 400/1000 marks (i.e. 40% and above but less than 50%)</p>
<b>Exemptions:</b>	<p>Exemptions:</p> <p>All passed modules carry an exemption which is limited to a period of 5 academic years subsequent to the award of the exemption.</p>
<b>Supplemental Examinations:</b>	<p>Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Autumn Supplemental Examination for individual modules. Note: for some modules there is no Supplemental Examination.</p> <p>A candidate who has failed to achieve the pass standard of modules 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, or in a Repeat Year (see below).</p> <p>Marks from all passed modules are carried forward to the Supplemental Examination.</p>
<b>Repeat Year Examinations:</b>	<p>Students repeating the year retain exemptions, if any, and must 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 Supplemental and Repeat Year Examinations are used.</p>

HIGHER DIPLOMA IN SUSTAINABILITY AND CLIMATE ACTION FOR ENTERPRISE	
<b>Time:</b>	Marks for all taught modules, including those wholly assessed by Continuous Assessment, 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>Modules:</b>	Students take <b>60 credits of modules as follows:</b>  <a href="https://ucc-ie-public.courseleaf.com/programmes/hdsent/">https://ucc-ie-public.courseleaf.com/programmes/hdsent/</a>
<b>Marks Maxima:</b>	100 marks per 5 credit module, 200 per 10 credit module. Total Marks: 1200 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 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 Higher Diploma, a candidate must obtain a pass in each module to the value of 60 credits.
<b>Honours:</b>	Honours will be awarded on the basis of the overall aggregate marks awarded as follows:  First Class Honours: an aggregate of at least 840/1200 marks (i.e. 70% and above)  Second Class Honours: an aggregate of at least 720/1200 marks (i.e. 60% and above but less than 70%)  Pass: an aggregate of at least 480/1200 marks (i.e. 40% and above but less than 60%)
<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>	Please refer to the Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. Note: for some modules there is no Supplemental Examination.  A candidate who has failed 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

	<p>Examination Board, or in a Repeat Year (see below).</p> <p>Marks from all passed modules are carried forward to the Supplemental Examination.</p> <p>Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of 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><i>Repeat Year Examinations:</i></b></p>	<p>Students repeating the year retain exemptions, if any, and must 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>

POSTGRADUATE CERTIFICATE IN SUSTAINABILITY IN ENTERPRISE	
<b>Time:</b>	Marks for all modules will be presented to a Summer Examination Board. For candidates failing to achieve the pass standard the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.
<b>Modules:</b>	Students take <b>30 credits of modules, as detailed at:</b> <a href="https://reg.ucc.ie/curriculum/calendar/live/postgraduate/certificate/page12.html">https://reg.ucc.ie/curriculum/calendar/live/postgraduate/certificate/page12.html</a>
<b>Marks Maxima:</b>	200 per 10 credit module. Total Marks: 600.
<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 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 Postgraduate Certificate in Sustainability in Enterprise a candidate must pass each module independently  <b>Progression to the MSc in Sustainability in Enterprise</b> A student who subsequently wishes to progress to the MSc in Sustainability in Enterprise must complete the programme <u>within 3 academic years</u> from the date of successful completion of the Postgraduate Certificate Examinations.
<b>Honours:</b>	Students are eligible for the award of honours on the aggregate mark for the year over the Summer Examination Board and Autumn Supplemental Examination Board.  First Class Honours: an aggregate of at least 420/600 marks (i.e. 70% and above)  Second Class Honours Grade I: an aggregate of at least 360/600 marks (i.e. 60% and above but less than 70%)  Second Class Honours Grade II: an aggregate of at least 300/600 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 5 academic years subsequent to the award of the exemption.
<b>Supplemental Examinations:</b>	Supplemental Examinations for Semesters 1, 2 and 3 will be held in 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</li> </ul>

POSTGRADUATE CERTIFICATE IN SUSTAINABILITY IN ENTERPRISE	
	<p>modules. Note: There may be no Supplemental Examination for some modules.</p> <ul style="list-style-type: none"> <li>• A candidate who has failed to achieve the pass standard in each taught module for the year at the Summer Examination must repeat all failed/absent modules at the Supplemental Autumn Examination, where there is provision to do so and if not disallowed by the Examination Board.</li> <li>• Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>• Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of 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.</li> </ul>
<b><i>Repeat Year Examinations:</i></b>	Students repeating the year retain exemptions, if any, and must 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.

MSc IN SUSTAINABILITY IN ENTERPRISE Year 1	
	Candidates complete the Postgraduate Certificate in Sustainability in Enterprise (30 credits).

MSc IN SUSTAINABILITY IN ENTERPRISE Year 2	
<b><i>Time:</i></b>	<p>Marks for all taught modules (Part I – Year2) will be presented to the Spring Examination Board. For students failing to achieve the pass standard in the taught modules, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.</p> <p>Marks for the Part II (Dissertation) will be submitted to a Winter Examination Board. For students who fail to achieve the pass standard for Part II or who fail to submit, there will be one opportunity to resubmit in a repeat year.</p>
<b><i>Modules:</i></b>	<p><b>Part I:</b></p> <p>30 credits from the Postgraduate Certificate completed in Year 1</p>

<b>MSc IN SUSTAINABILITY IN ENTERPRISE Year 2</b>	
	<p>and 30 credits in Year II, as detailed at:</p> <p><a href="https://reg.ucc.ie/curriculum/calendar/live/postgraduate/certificate/page12.html">https://reg.ucc.ie/curriculum/calendar/live/postgraduate/certificate/page12.html</a></p> <p><b>Part II:</b></p> <p><b>CE6051</b> Dissertation in Sustainability in Enterprise (30 credits).</p>
<b><i>Marks Maxima:</i></b>	<p>200 per 10 credit module. 600 per 30 credit module.</p> <p>Total Marks: 1800.</p> <p>Marks for Part I: 1200</p> <p>Marks for Part II: 600.</p>
<b><i>Distribution of Marks:</i></b>	<p>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>).</p>
<b><i>Pass Standard (module level):</i></b>	<p>The pass standard for each module in Part I is 40%. The pass standard for Part II (the Dissertation) is 50%.</p> <p>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>).</p>
<b><i>Pass and Progression (programme level):</i></b>	<p>To pass Part I a candidate must pass each module independently in the Postgraduate Certificate (Year 1, 30 credits) and pass each module independently in Year 2 (30 credits)</p> <p><u>Part II</u></p> <p>Candidates must pass each module independently in Part I (60 credits), achieve, at the first attempt a 50% aggregate mark in taught modules in Year 2 (30 credits) and 50% in <b>CE6050</b> to be eligible to submit Part II.</p>
<b><i>Degree Award (programme level):</i></b>	<p>A candidate who is eligible to submit Part II must achieve a pass mark of 50% in <b>CE6051</b> to be eligible for the award of MSc in Sustainability in Enterprise.</p> <p>In cases where a fail mark of not more than 5 percentage points below the pass standard has been returned for a dissertation, the Examination Board may, on the recommendation of the School, agree to permit the student to make amendments to achieve the pass standard for the Dissertation, within six weeks of the publication of examination results. In such cases, a judgement of 'pending' will be recorded for the dissertation. Following resubmission of the dissertation, the Supervisor will confirm to the Student Records and Examinations Office that ALL amendments have/have not been made and forward details of both the amended Mark and Judgement, as approved by the Supervisor and Examiner(s), to be recorded. Following approval by the Chair of the original Examination Board and the Head of the appropriate Department/School, the student record will be amended accordingly.</p>

<b>MSc IN SUSTAINABILITY IN ENTERPRISE Year 2</b>	
	Where a student fails to resubmit the dissertation within the six-week period, the Supervisor will notify the Student Records and Examinations Office of same, following which, the 'pending' judgement previously recorded will be adjusted to a Fail judgement and the student will be awarded a Postgraduate Diploma in Sustainability in Enterprise.
<b><i>Exit Award:</i></b>	<b>Postgraduate Diploma in Sustainability in Enterprise</b> Students who pass each taught module in Part I (60 credits) independently but fail, at the first attempt, to achieve a 50% aggregate mark in taught modules in Year 2 (30 credits) and 50% in <b>CE6050</b> , or who do not wish to complete the Dissertation (Part II) will exit the programme and be conferred with a Postgraduate Diploma in Sustainability in Enterprise.
<b><i>Honours:</i></b>	Honours will be awarded on the basis of the overall aggregate marks (in Part I and Part II of the MSc in Sustainability in Enterprise awarded as follows:  First Class Honours: an aggregate of at least 1260/1800 marks (i.e. 70% and above)  Second Class Honours Grade I: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)  Second Class Honours Grade II: an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%)
<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>	<ul style="list-style-type: none"> <li>• Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a>) for requirements governing the Autumn Supplemental Examination for individual modules. Note: There will be no Supplemental Examination for <b>CE6051</b> Dissertation in Sustainability in Enterprise.</li> <li>• A candidate who has failed to achieve the pass standard in each taught module in Part I of the programme at the Spring 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.</li> <li>• A candidate who has failed to progress to Part II because of failing to achieve the pass standard in <b>CE6050</b> Applied Research Methods in Sustainability in Enterprise at the Spring Examination, is permitted to repeat this 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 Sustainability in Enterprise.</li> <li>• Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>• Capping of Marks at a Supplemental Examination: In determining aggregation and the calculation of honours, the maximum mark that will be taken into</li> </ul>

<b>MSc IN SUSTAINABILITY IN ENTERPRISE Year 2</b>	
	account in passed repeated module(s) is 40%. The actual mark achieved by the candidate will be recorded on the student record.
<b><i>Repeat Year Examinations:</i></b>	For students registered for the <b>CE6051</b> Dissertation in Sustainability in Enterprise in a repeat year, marks achieved will be capped at the pass standard. Candidates will not be eligible for the award of Honours in a Repeat Year.

## **POSTGRADUATE PROGRAMMES: MASTERS' DEGREES**

### **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.

MEngSc DEGREE EXAMINATION IN MECHANICAL ENGINEERING (MANUFACTURING, PROCESS AND AUTOMATION SYSTEMS)	
<b>Time:</b>	Marks for all modules in Part including those wholly assessed by continuous assessment 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> Candidates take modules to the value of <b>60</b> credits, <b>Part II:</b> ME6020 Dissertation in Mechanical Engineering (30 credits) as detailed at <a href="http://www.ucc.ie/calendar/postgraduate/masters/engineering/page05.html">www.ucc.ie/calendar/postgraduate/masters/engineering/page05.html</a>
<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/">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 Part II, ME6020 Dissertation in Mechanical Engineering is 50%. Special Requirements for individual modules, if any, 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 ME6019 Preliminary Research Project at the first attempt and obtains a mark of at least 50% in ME6019 Preliminary Research Project in Part I will be permitted to proceed to Part II of the programme, ME6020 Dissertation in Mechanical Engineering.
<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)

**MEngSc DEGREE EXAMINATION IN MECHANICAL ENGINEERING (MANUFACTURING, PROCESS AND AUTOMATION SYSTEMS)**

<b>Distinction:</b>	A candidate, who achieves the standard for the award of the MEngSc Degree, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Parts I and II on the basis of actual marks achieved at the Winter and Summer Examinations 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 a Distinction 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 2 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 ME6019 Preliminary Research Project or does not achieve a mark of at least 50% in ME6019 Preliminary Research Project, 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 Book of Modules ( <a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a> ) for requirements governing the Autumn Supplemental Examination for individual modules. Note: There is no Supplemental Examination for ME6020. <ul style="list-style-type: none"> <li>• A candidate, who has failed to achieve the pass standard in each taught module in Part I 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>• Marks from all passed modules are carried forward to the Supplemental Examination.</li> <li>• A candidate repeating ME6019 at the Supplemental Examination will only be eligible for the award of a Postgraduate Diploma in Mechanical Engineering (Manufacturing, Process and Automation Systems).</li> </ul> Capping of Marks at a Supplemental Examination: In determining aggregation and the award of a Distinction, 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>	Marks will be capped in a Repeat Year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.

## MEngSc DEGREE EXAMINATION IN ELECTRICAL & ELECTRONIC ENGINEERING

<b>Time:</b>	<p>Marks for all modules in Part I will be presented to the Summer Examination Board.</p> <p>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.</p> <p>Note: There will be no Supplemental Examination for EE6019.</p> <p>Marks for Part II will be submitted to a Winter Examination Board with no Supplemental Examination.</p>
<b>Modules:</b>	<p><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></p> <p><b>Part II:</b> Option 1, Dissertation in Electrical and Electronic Engineering EE6023 (30 credits) or Option 2, MEngSc Placement EE6009 (10 credits) and Research Project for Placement Students EE6008 (20 credits).</p>
<b>Marks Maxima:</b>	100 per 5 credit module, 200 marks per 10 credit module, 400 marks per 20 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/">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 Part II Option 1, EE6023 Dissertation in Electrical and Electronic Engineering is 50%. The pass standard for Part II Option 2, EE6008 Research Project for Placement Students and EE6009 MEngSc Placement is 50%. Special Requirements for individual modules, if any, 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 (EE6019) at the first attempt at the Summer Examination Board and obtains a mark of at least 50% in the preliminary research project in Part I will be permitted to proceed to Part II of the programme.
<b>Degree Award:</b>	A candidate, who has progressed to Part II must achieve a mark of at least 40% in each individual module and a mark of at least 50% in EE6023(Option 1) or a mark of at least 50% in both EE6008 and EE6009 (Option 2) 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</b>	A candidate who passes Part 1 but does not achieve an average mark of at least 50% across the taught modules excluding the preliminary research

<b>Diploma in Electrical &amp; Electronic Engineering</b>	<p>project (EE6019) or does not achieve a mark of at least 50% in the preliminary research project (EE6019), will be eligible for the award of a Postgraduate Diploma in Electrical and Electronic Engineering.</p> <p>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 &amp; Electronic Engineering.</p>
<b>Exemptions:</b>	<p>All passed modules carry an exemption which is limited to a period of 5 academic years</p>
<b>Supplemental Examinations:</b>	<p>Supplemental Examinations for Semesters 1 and 2 will be held in August (Autumn).</p> <p>(i) Please refer to the Book of Modules (<a href="http://www.ucc.ie/academic/modules/">www.ucc.ie/academic/modules/</a>) for requirements governing the Autumn Supplemental Examination for individual modules.</p> <p>Note: There is no Supplemental Examination for EE6008, EE6009, EE6019 or EE6023.</p> <p>(ii) 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.</p> <p>(iii) Capping of Marks at a Supplemental Examination: In determining aggregation and the award of a Distinction, 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>(iv) 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 awarded the Postgraduate Diploma in Electrical and Electronic Engineering when a pass mark has been obtained in every Part I module.</p>
<b>Repeat Year Examinations:</b>	<p>Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.</p>

<b>MEngSc DEGREE EXAMINATION IN SUSTAINABLE ENERGY</b>	
<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>	<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 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.</li> </ul> <p>Note: There is no Supplemental Examination for NE6008.</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, 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> <li>• Capping of Marks at a Supplemental Examination: In determining aggregation and the award of a Distinction, 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.</li> </ul>
<b>Repeat Year Examinations:</b>	<p>Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.</p>

**MEngSc DEGREE EXAMINATION IN INFORMATION TECHNOLOGY IN ARCHITECTURE, ENGINEERING AND CONSTRUCTION.**

<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>	<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 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.</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> <p>Capping of Marks at a Supplemental Examination: In determining aggregation and the award of a Distinction, 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>Marks will be capped in a repeat year examination. Candidates will not be eligible for the award of Distinction in a Repeat Year.</p>

<b>MEngSc DEGREE EXAMINATION IN PHARMACEUTICAL AND BIOPHARMACEUTICAL ENGINEERING (PART TIME)</b>	
<b>Time:</b>	<p>All taught modules in the Part-time MEngSc programme will be assessed using continuous assessments, which typically occur throughout the semester. Marks for all taught modules (<b>60</b> credits) will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard in taught modules at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.</p> <p>Dissertations pertaining to the research module PE6021 must be submitted by 7<sup>th</sup> October to be presented to the Winter Exam Board. Note: There is no Supplemental Examination for PE6021. Failure to make the deadline of submission, will result in the thesis being submitted to the Winter Exam Board of the following academic year.</p>
<b>Modules:</b>	<p><b>Taught Modules (CORE and ELECTIVES):</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></p> <p><b>Research Module:</b> Dissertation <b>PE6021 (30 credits)</b>.</p>
<b>Marks Maxima:</b>	<p>100 marks per 5 credit module; 600 marks per 30 credit module.</p> <p>Total Marks – Taught Modules: 1200 marks; Research Module: 600 marks.</p>

<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 is 40%. The pass standard for the Research module (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 Research Module</b>	A student who passes all taught modules ( <b>60 credits</b> ) with an average mark of at least 50% across all modules will be permitted to proceed to Research module PE6021.
<b>Degree Award:</b>	A student, who has progressed to the Research Module, must achieve a pass mark of 40% in each individual Taught module 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 student, who achieves the standard for the award of the MEngSc Degree, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Taught and Research modules on the basis of actual marks achieved at the Winter and Summer Examinations 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 a Distinction 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 Pharmaceutical and Biopharmaceutical Engineering :</b>	Students who achieve 40% in each individual taught module but fail to achieve the requisite grade of 50% across the taught modules, or students who pass all taught modules and do not wish to complete the Research Dissertation, may opt to exit the programme and be conferred with a Postgraduate Diploma in Pharmaceutical and Biopharmaceutical Engineering.
<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 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.</li> </ul> <p>Note: There is no Supplemental Examination for PE6021.</p> <ul style="list-style-type: none"> <li>• A student, who has progressed to the Research module but has failed to achieve the pass standard in each Taught module, 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 student, who has failed to progress to Research module 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</li> </ul>

	<p>will be eligible for the award of the Postgraduate Diploma in Pharmaceutical and Biopharmaceutical Engineering.</p> <p><b>Capping of Marks at a Supplemental Examination:</b> In determining aggregation and the award of a Distinction, 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>Marks will be capped in a repeat examination. Candidates will not be eligible for the award of Distinction where modules are repeated.</p>

## MEngSc DEGREE EXAMINATION IN ENGINEERING IN PHARMACEUTICAL AND BIOPHARMACEUTICAL SYSTEMS (FULL- TIME)

<b>Time</b>	Modules are assessed either through continuous assessments or using both continuous assessments and written examinations. Written examinations will be held at the end of each semester. Continuous assessments will typically occur throughout the semester. Marks for all taught modules ( <b>60 credits</b> ) will be presented to the Summer Examination Board. For candidates failing to achieve the pass standard in taught modules at the Summer Examination Board, there will be a Supplemental Examination in Autumn with an Autumn Examination Board.  Dissertations pertaining to the research module PE6051 must be submitted by 7 <sup>th</sup> October to be presented to the Winter Exam Board. Note: There is no Supplemental Examination for PE6051. Failure to make the deadline of submission, will result in the thesis being submitted to the Winter Exam Board of the following academic year.
<b>Modules</b>	<b>Taught Modules (CORE and ELECTIVES):</b> Candidates take modules to the value of <b>60 credits</b> , 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>Research Module:</b> Dissertation <b>PE6051 (30 credits)</b> .
<b>Marks Maxima</b>	100 marks per 5 credit modules; 600 marks per the 30-credit module. Total Marks – Taught Modules: 1200 marks; Research Module: 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 is 40%. The pass standard for the Research module (PE6051) 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 Research Module</b>	A student who passes all taught modules ( <b>60 credits</b> ) with an average mark of at least 50% across all modules will be permitted to proceed to Research module PE6051.
<b>Degree Award</b>	A student, who has progressed to the Research Module, must achieve a pass mark of 40% in each individual Taught module and a mark of at least 50% in PE6051 to be eligible for the award of the MEngSc Degree in Engineering in Pharmaceutical and Biopharmaceutical Systems.
<b>Distinction</b>	A student, who achieves the standard for the award of the MEngSc Degree, is eligible for a Distinction. A Distinction shall be awarded on the aggregate of Taught and Research modules on the basis of actual marks achieved at the Winter and Summer Examinations 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 a Distinction as follows  <b>Distinction: At least 70% (i.e. at least 1260/1800 marks).</b>
<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 Pharmaceutical</b>	Students who achieve 40% in each individual taught module but fail to achieve the requisite grade of 50% across the taught modules, <b>will exit</b> the programme and be conferred with a Postgraduate Diploma in Engineering in Pharmaceutical and Biopharmaceutical Systems. Students who achieve

<b>and Biopharmaceutica l Engineering</b>	40% in each individual taught module and achieve the requisite grade of 50% across the taught modules <b>may opt to exit</b> the programme and be conferred with a Postgraduate Diploma in Engineering in Pharmaceutical and Biopharmaceutical Systems. .
<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 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.</li> </ul> <p>Note: There is no Supplemental Examination for PE6051.</p> <ul style="list-style-type: none"> <li>• A student, who has progressed to the Research module but has failed to achieve the pass standard in each Taught module, 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 student, who has failed to progress to Research module and has failed to reach the pass standard in each taught module 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 Engineering in Pharmaceutical and Biopharmaceutical Systems.</li> </ul> <p>Capping of Marks at a Supplemental Examination: In determining aggregation and the award of a Distinction, 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>	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 90 credits 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 Book of Modules, ( <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 Book of Modules, ( <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: <ul style="list-style-type: none"> <li>• <u>First Class Honours</u>: an aggregate of at least 1260/1800 marks (i.e. 70% and above)</li> <li>• <u>Second Class Honours, Grade 1</u>: an aggregate of at least 1080/1800 marks (i.e. 60% and above but less than 70%)</li> <li>• <u>Second Class Honours, Grade 2</u>: an aggregate of at least 900/1800 marks (i.e. 50% and above but less than 60%)</li> </ul>
<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>	Please refer to the Book of Modules ( <a href="http://www.ucc.ie/academic/modules">www.ucc.ie/academic/modules</a> ) for requirements governing the Supplemental Examination for individual modules. Note: for some modules there is no Supplemental Examination. <ul style="list-style-type: none"> <li>• 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>• The pass/progression rule is then applied to the combination of marks carried forward in passed modules and marks obtained in repeated modules.</li> </ul>

	<ul style="list-style-type: none"> <li>• 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

POSTGRADUATE DIPLOMA EXAMINATION IN PHARMACEUTICAL & BIOPHARMACEUTICAL ENGINEERING	
<b>Time:</b>	Written examinations will be held at the end of each semester. 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>Modules:</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>Marks Maxima:</b>	100 marks per 5 credit module. Total Marks – : 1200 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 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>Transfer to the MEngSc in Pharmaceutical &amp; Biopharmaceutical Engineering :</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>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>	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.  Capping of Marks at a Supplemental Examination: In determining aggregation and the award of a Distinction, 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</b>	Marks will be capped in a repeat examination. Candidates will not be eligible for

<b>Examinations:</b>	the award of Distinction where modules are repeated.
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# MTU/UCC JOINT MARKS & STANDARDS

Programmes in the

## CORK CENTRE FOR ARCHITECTURAL EDUCATION



## APPLICABILITY AND INTERPRETATION

These are the Marks and Standards jointly adopted by Munster Technological University (MTU) and University College Cork (UCC) governing programmes delivered jointly by MTU and UCC through the Cork Centre for Architectural Education (CCAE) 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 MTU 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 MTU or UCC.

By agreement between the Academic Council of MTU 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 these processes shall be those of University College Cork until such time as re-designated by the Joint MTU/UCC Board.

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 MTU. Such determination shall be guided by good practice and the principles of fairness and consistency as operated in UCC, MTU 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 MTU 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:

1. Independent Chairperson nominated and agreed by the Registrars of MTU and UCC
2. Director and Associate Director of the CCAE, one of whom shall function as Secretary to the Examination Board
3. Heads of the relevant Academic Units of MTU and UCC
4. The External Examiners
5. 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 MTU 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 MTU 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 MTU 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:

7. to prepare appropriate assessment material, which reflects internationally established and accepted academic practice;
8. to consult with the appropriate External Examiner on the drafting of assessment material.
9. to take due account of all comments and amendments proposed by the External Examiner(s);
10. to indicate clearly the marks awarded to each assessment or examination question, or part thereof, attempted by the candidate on all assessment material;
11. 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 MTU 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:

12. to review the assessment material and have the right to comment and propose amendments as they deem appropriate;
13. to review borderline cases when they consider this to be necessary and appropriate;
14. to interview candidates when they consider this to be necessary and appropriate;
15. 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;
16. to contribute to deliberations of appropriate formal Examination Boards; and
17. 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.

**6. 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.

**7. 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 these processes shall be those of University College Cork until such time as re-designated by the Joint MTU/UCC Board. The decisions of the Appeals body shall be final.

**8. 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 result 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 examination(s)).	is counted as an attempt
WD	withdrew	candidate withdrew before week 6 of the semester and formally notified the institute	is not counted as an attempt
WH	withheld	candidate's result(s) withheld	Examination board to issue recommendation

9. 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

THIRD YEAR EXAMINATION	
<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 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,</p>

	<p>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> <ul style="list-style-type: none"> <li>• <u>First Class (H1):</u> At least 70% (i.e. at least 840/1200 marks)</li> <li>• <u>Second Class, Grade I (H2.1):</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 (H2.2):</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>	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>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) 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.</p> <p>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.</p> <p>(ii) 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 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.

**BSC (HONS) DEGREE EXAMINATION**

<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>	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

	<p>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> <ul style="list-style-type: none"> <li>• <u>First Class/H1:</u> At least 70% (i.e. at least 840/1200 marks)</li> <li>• <u>Second Class, Grade I (2:1):</u> At least 60% but less than 70% (i.e. at least 720/1200 marks but less than 840/1200marks).</li> <li>• <u>Second Class, Grade II (2:2):</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>	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>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>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.</p> <p>(i) 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.</p> <p>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.</p> <p>(ii) 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</b> as shown in the Approved Programme Schedule.
<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.  Note: For some modules there is no Autumn Supplemental Examination.  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.

## MASTER OF ARCHITECTURE

<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).



## **RESEARCH DEGREES**

<b>PHD (ENGINEERING SCIENCE) STREAM1</b>	
<b>Time</b>	The marks for all modules will be presented to the Autumn Examination Board. Failed/absent modules may be re-taken in the next academic 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 ECTS, as defined in the Calendar, and undertake research work to a minimum value of 240 ECTS over the duration of their PhD.
<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 in the <a href="#">UCC Book of Modules</a> .
<b>Distribution of Marks</b>	Assessment details for individual modules are contained in the <a href="#">Book of Modules</a> .
<b>Pass and Progression Standard</b>	To progress from one academic year to the next, a student must demonstrate satisfactory progress in their research, as documented by progress reviews presented to the student's thesis committee. 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 are required to have achieved a pass standard in modules to the value of 30 credits prior to submission of the PhD Thesis
<b>Supplemental Examinations</b>	Students failing to achieve the pass standard in a taught module may retake the module in the next academic year or take a different module to satisfy programme requirements.

PHD ENGINEERING SCIENCE STREAM 2	
<b>Time</b>	The marks for all modules will be presented to the Autumn Examination Board
<b>Modules</b>	Students taking the PhD in Engineering Science (Stream 2) and Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship take taught modules to the value of 55 credits as defined in the Calendar and undertake research work to the value of 305 credits over the 4 years duration of their PhD.
<b>Marks Maxima</b>	As defined in the <a href="#">Book of Modules</a> .
<b>Pass Standard (module level)</b>	The pass standard for each module is as defined in the <a href="#">Book of Modules</a> .
<b>Distribution of Marks</b>	Assessment details for individual modules are contained in the <a href="#">Book of Modules</a> .
<b>Pass and Progression Standard</b>	<p>To progress from one academic year to the next, a student must demonstrate satisfactory progress in their research, as documented by progress reviews presented to the student's thesis committee. The Tyndall Graduate Student Supervision Procedure defines requirements for a student's progress review panel as well as requirements for each progress review period.</p> <p>Students are required to have achieved a pass standard in modules to the value of 55 credits prior to submission of the PhD Thesis</p> <p>Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship</p> <p>Students who have successfully completed and passed taught modules to the value of 30 credits will be awarded the Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship</p>
<b>Supplemental Examinations</b>	Students failing to achieve the pass standard in a taught module may retake the module in the next academic year or take a different module to satisfy programme requirements.

PHD ENGINEERING SCIENCE STREAM 2	
<b>Time</b>	The marks for all modules will be presented to the Autumn Examination Board
<b>Modules</b>	Students taking the PhD in Engineering Science (Stream 2) and Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship take taught modules to the value of 55 credits as defined in the Calendar and undertake research work to the value of 305 credits over the 4 years duration of their PhD.
<b>Marks Maxima</b>	As defined in the <a href="#">Book of Modules</a> .
<b>Pass Standard (module level)</b>	The pass standard for each module is as defined in the <a href="#">Book of Modules</a> .
<b>Distribution of Marks</b>	Assessment details for individual modules are contained in the <a href="#">Book of Modules</a> .
<b>Pass and Progression Standard</b>	<p>To progress from one academic year to the next, a student must demonstrate satisfactory progress in their research, as documented by progress reviews presented to the student's thesis committee. The Tyndall Graduate Student Supervision Procedure defines requirements for a student's progress review panel as well as requirements for each progress review period.</p> <p>Students are required to have achieved a pass standard in modules to the value of 55 credits prior to submission of the PhD Thesis</p> <p>Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship</p> <p>Students who have successfully completed and passed taught modules to the value of 30 credits will be awarded the Postgraduate Certificate in Innovation, Commercialisation and Entrepreneurship</p>
<b>Supplemental Examinations</b>	Students failing to achieve the pass standard in a taught module may retake the module in the next academic year or take a different module to satisfy programme requirements.

