School/Department: Computing  
Date: 23 November 2018  
Title of the Programme: BSc (Hons) in Computing in Digital Healthcare Level 8 (240 ECTS) With Embedded Exit Award – Higher Certificate in Computing in Digital Healthcare Level 6 - 120 ECTS Credits  
Chairperson: Ann Campbell, Former President and Registrar DKIT  
Members of the Panel: Dr Matthew Manktelow, Ulster University, Richard Morrow, OPTUM, Ailish Mc Kiernan, LYIT and Professor Martin McKinney, UU Coleraine.  
Secretary: Dr George Onofrei  
LYIT Staff:  
Dr Gertie Taggart; Thomas Dowling; Dr Louise McBride; Dr James Connolly; Dr Nigel McKelvey; Jonathan Durning; Elaine Walsh; Grainne Ketelaar; Dr Michael McCann Ruth Lennon; Danny Mc Fadden; William Farrelly; Mairead Feeney; Gary Cullen; Breda Mulgrew; Dr Simon Stephens.

Criteria for the Validation of a New Programme

1. The Programme Aims and Objectives are clear and consistent with the Award sought.

2. The Programme concept, implementation strategy are well informed and soundly based.

3. The Programme's Access, Transfer and Progression arrangements are satisfactory.

4. The Programme's written curriculum is well structured and fit for purpose.

5. There are sufficient qualified and capable programme staff.

6. There are sufficient physical resources to implement the programme as planned.

7. The learning environment is consistent with the needs of the programme learners.

8. There are sound Teaching, Learning and Assessment Strategies.

9. Learners enrolled on the Programme will be well informed, guided and cared for.

10. The Programme will be well managed.

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(For the attention of the Academic Council)

The Panel of Assessors are satisfied that the proposal adequately addresses the Criteria for the Validation of a New Programme.

The Panel of Assessors advises the Academic Council that the Institute and the School/Department should take cognisance of following recommendations:

The Response from the Department of Computing is shown in blue text after each recommendation.

1. The panel recommends that in relation to entry requirements, all materials (especially promotional/marketing material) relating to the proposal should state explicitly that 300 points is a minimum entry requirement for school leavers.

The Provisional Course Board is happy to agree to this recommendation and will ensure that this happens.

2. The panel recommends that the programme team to reflect on whether the module Legal, Ethical, Social and Professional Considerations offered in semester 8 would be more appropriately embedded throughout the programme.

The Provisional Course Board has discussed this. We feel that there is a value to delivering the module in its current format to ensure that students are focussed on the importance of this material as they graduate. However in recognition of the importance of this topic the Course Board has added additional related content to earlier modules to ensure that students have a broad perspective on this material.

The following modules previously had some mention of either legal, ethical or social issues in computing:
- Models of Healthcare and Delivery
- Data Security
- A Lifespan Approach to Person Centred Healthcare
- Healthcare Infrastructure
- IT Governance and Procurement
- Data Analytics
- Data Storage
- Governance for Quality and Safety in Digital Healthcare
- Sensors and Wearables
- Law and Ethics in Healthcare
- Legal, Ethical and Social Issues in Computing

We have added additional content relating to either legal, ethical or social issues in computing to the following modules:
- Computer Architecture and Operating Systems we have added “Data Compliance Issues" to section 3.
- Personal and Professional Development we have added "Netiquette" to Section 2.
- National and International Healthcare systems we have added "Legal and Ethical issues of data exchange" to section 4.

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• Mobile Applications Development (I added the 2nd point to section 3.
• Healthcare Statistics we have added additional content to section 4.
• Software Development we have added additional content to section 4.
• Database systems we have added additional content to section 1.

3. More detail about the repeat assessments should be provided. Additional information has been provided to this section.

4. The panel strongly encourages the use of guest lecturers throughout the programme. This is currently common practise in the department and this course particularly lends itself to guest lecturers in a range of specialist areas. The Provisional Course Board is happy to agree to this recommendation.

Commendations:

1. The panel commends the Programme Board for their commitment and energy in developing this programme.

2. It was evident to the Panel that there is an excellent team in place.

3. The panel were impressed by the level of preparation and engagement from the Programme Team; and that the programme had been well thought through.

The Panel of Assessors advises the Academic Council that approval of the programmes subject to general conditions of approval together with the following additional conditions:

None.

Proposed Programme Schedule(s)

Final schedule(s) must be attached to the bottom of this report.

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## Programme Schedules

### Programme Schedule – Year 1 Semester 1

<table>
<thead>
<tr>
<th>Semester</th>
<th>Title of examination subject</th>
<th>Subject status</th>
<th>ECTS credits</th>
<th>Contact hours (per week over 13 weeks)</th>
<th>Allocation of marks</th>
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<tr>
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**Total ECTS credits required for stage:** 30

**Special Regulations:**

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Programme Schedule – Year 1 Semester 2

Name Of Provider: Letterkeny Institute of Technology
Title Of Award: BSc Honours in Computing in Digital Healthcare
Higher Certificate in Computing in Digital Healthcare
Area Of Specialisation: Digital Healthcare
Learning Mode Offered: Full-time
Stage: 2
Semester: 2
Date Effective: September 2019

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Total ECTS credits required for stage: 30

Special Regulations:

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Programme Schedule – Year 2 Semester 3

Name Of Provider: Letterkenny Institute of Technology
Title Of Award: BSc Honours in Computing in Digital Healthcare
Higher Certificate in Computing in Digital Healthcare
Area Of Specialisation: Digital Healthcare
Learning Mode Offered: Full-time
Stage: 3
Semester: 3
Date Effective: September 2019

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Total ECTS credits required for stage: 30

Special Regulations:

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## Programme Schedule – Year 2 Semester 4

Name Of Provider: Letterkenny Institute of Technology  
Title Of Award: BSc Honours in Computing in Digital Healthcare  
Higher Certificate in Computing in Digital Healthcare  
Area Of Specialisation: Digital Healthcare  
Learning Mode Offered: Full-time  
Stage:  
Semester: 4  
Date Effective: September 2019

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Total ECTS credits required for stage: 30

Special Regulations:

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Programme Schedule – Year 3 Semester 5

Name Of Provider: Letterkenny Institute of Technology
Title Of Award: BSc Honours in Computing in Digital Healthcare
Area Of Specialisation: Digital Healthcare
Learning Mode Offered: Full-time
Stage: 5
Date Effective: September 2019

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Total ECTS credits required for stage: 30

Special Regulations:

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Programme Schedule – Year 3 Semester 6

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Total ECTS credits required for stage: 30

Special Regulations:

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Programme Schedule – Year 4 Semester 7

Name Of Provider: Letterkenny Institute of Technology
Title Of Award: BSc Honours in Computing in Digital Healthcare
Area Of Specialisation: Digital Healthcare
Learning Mode Offered: Full-time
Stage: 7
Date Effective: September 2019

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<th>Semester</th>
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<td>Healthcare Decisions Support Systems</td>
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Total ECTS credits required for stage: 30

Special Regulations:

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Programme Schedule – Year 4 Semester 8

Name Of Provider: Letterkenny Institute of Technology
Title Of Award: BSc Honours in Computing in Digital Healthcare
Area Of Specialisation: Digital Healthcare
Learning Mode Offered: Full-time
Stage: Semester: 8
Date Effective: September 2019

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<td>8 5</td>
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Total ECTS credits required for stage: 30

Special Regulations:

Programme Evaluation Report Approved by:

Ann Campbell

Chair to Panel

(Former President, Dundalk IT)

Date 10.12.2018

Billy Bennett

(Registrar, Letterkenny IT)

Date 12/12/18.

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