**School/Department**: Computing

**Date: 12/02/2020**

**Title of the Programme:**

Diploma in Emerging Information Technologies for Industry Level 7 - 60 ECTS Credits

**Chairperson:** David Denieffe, VP for Academic Affairs and Registrar, IT Carlow

**Members of the Panel:**

Fiona Lawless, Head of Department of Computing, Dundalk IT; Ted Parslow, Chairperson of the Third Level Computing Forum; Clementine Hegarty, Student Letterkenny IT; and Ronan Comer, Pramerica.

**Secretary:** Simon Stephens

**LYIT Staff:** Paul Hannigan (President), Billy Bennett (VP Academic Affairs and Registrar), Gertie Taggart (Head of School of Science), Thomas Dowling (Head of Department of Computing), Martina Quinn, Paul Corey, Billy Farrelly, John O'Raw and Eoghan Furey.

## 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.

Note: It is Institute policy to publish the Final Reports of the Panel of Assessors

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

1. The quality of the documentation and the cohesiveness of the programme team.

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

*N/A*

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

1. Make clearer the progression options to applicants/learner post-graduation.
2. Add a PLO to reflect the need to be able to apply best practice principles in an ethical context.
3. Remove reference to special regulation from the Programme Schedule 9 (p. 52).
4. Provide clarity/breakdown on the Report assessment in the *Internet of Things*.
5. Revise the MLOs (increase to L7) for the module *Payment Technologies and Payments* and remove the reference to LO 6.

**Department of Computing Response to the Recommendations**

The development team agrees that all of these recommendations will be fully implemented. The revised course document will follow as soon as possible.

**Proposed Programme Schedule(s) please attach final schedule to bottom of the report.**

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## Programme Schedule – Year 1 Semester 1

| Name Of Provider: | Letterkenny Institute of Technology |
|---|---|
| Title Of Award: | Diploma in Emerging Information Technologies for Industry |
| Area Of Specialisation: | Emerging Technologies for Industry |
| Learning Mode Offered: | Full-time, part-time, Online |
| Stage: | |
| Semester: | 1 |
| Date Effective: | September 2020 |

| Semester | Title of examination subject | Subject status | ECTS credits | | Contact hours (per week over 13 weeks) | | | | Allocation of marks | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Level | Number | L/T | P | Independent | Total | CA | Project | Practical | Final | Max |
| 1 | Preparing for Emerging Technologies | M | 7 | 10 | 2 | 2 | 13 | 17 | 100 | | | | 100 |
| 1 | Analytics and AI for Business | M | 7 | 10 | 2 | 2 | 13 | 17 | 100 | | | | 100 |
| 1 | Payment Technologies and Payments | M | 7 | 10 | 4 | | 13 | 17 | 100 | | | | 100 |

**Total ECTS credits required for stage:**      30

**Special Regulations:**

## Programme Schedule – Year 1 Semester 2

| Name Of Provider: | Letterkenny Institute of Technology |
|---|---|

Note: It is Institute policy to publish the Final Reports of the Panel of Assessors

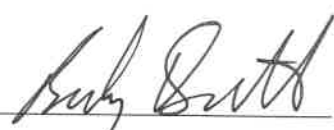| Title Of Award: | Diploma in Emerging Information Technologies for Industry |
|---|---|
| Area Of Specialisation: | Emerging Technologies for Industry |
| Learning Mode Offered: | Full-time, part-time, Online |
| Stage: | |
| Semester: | 2 |
| Date Effective: | September 2020 |

| Semester | Title of examination subject | Subject status | ECTS credits | | Contact hours (per week over 13 weeks) | | | | Allocation of marks | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Level | Number | L/T | P | Independent | Total | CA | Project | Practical | Final | Max |
| 2 | The Internet of Things and its use in Business | M | 7 | 10 | 2 | 2 | 13 | 17 | 100 | | | | 100 |
| 2 | Cloud: Data Storage and Management | M | 7 | 10 | 2 | 2 | 13 | 17 | 100 | | | | 100 |
| 2 | Privacy and Trust | M | 7 | 10 | 2 | 2 | 13 | 17 | 100 | | | | 100 |

**Total ECTS credits required for stage:**     **30**

**Programme Evaluation Report Approved by:**

David Denieffe
Chair to Panel
(VP for Academic Affairs and Registrar, Carlow IT)

Billy Bennett

(VP for Academic Affairs and Registrar, Letterkenny IT)

Date   17·12·2020

Date   17/12/20

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