School/Department: Science/Computing

Date: 11/02/2020

Title of the Programme:

MSc in Computing in DevOps Research Level-9 - 90 ECTS Credits

With Embedded Minor Award - Certificate in DevOps Level-9 - 30 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 Donagh McMorrow, 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), James Connolly, Ruth Lennon and Maria Griffin.

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. Revise the *Bootcamp* module to reflect the new delivery approach and content.
2. Expand upon the operation of the teamwork in the *DevOps Project Management* module.
3. Provide detail about the class test in the *DevOps Software Engineering* module.
4. Ensure all modules learning outcomes are mapped to the programme learning outcomes.

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.

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

MSc in Computing in DevOps Research

Proposed Programme Schedule – Year 1 Full-Time / Part-time / Online

Name Of Provider:	Letterkenny Institute of Technology
Title Of Award:	Certificate in DevOps
	MSc in Computing in DevOps Research
Area Of Specialisation:	DevOps Research
Learning Mode Offered:	Full-time / Part-time / Online
Stage:	Award
Date Effective:	January 2020

Semester	Title of examination subject	Subject status	ECTS credits		Total Hours				Allocation of marks				
			Level	Number	L/T	P	Independent Learning	Total	CA	Project	Practical	Final	Max
1	DevOps Software Engineering	M	9	10	26	26	198	250	100	-	-	-	100
1	OO Programming for Server Administration	M	9	10	26	26	198	250	100	-	-	-	100
1	DevOps Project Management	M	9	10	26	26	198	250	100	-	-	-	100

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

Special Regulations:

The Dissertation topic must be consistent with the overall Programme Learning Outcomes.

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MSc in Computing in DevOps Research

Proposed Programme Schedule – Year 1 Full-Time / Part-time / Online

Name Of Provider:	Letterkenny Institute of Technology
Title Of Award:	MSc in Computing in DevOps Research
Area Of Specialisation:	DevOps Research
Learning Mode Offered:	Full-time / Part-time / Online
Stage:	Award
Date Effective:	January 2020

Semester	Title of examination subject	Subject status	ECTS credits		Total Hours				Allocation of marks				
			Level	Number	L/T	P	Independent Learning	Total	CA	Project	Practical	Final	Max
2&3	Research Dissertation	M	9	60		52	1448	1500	-	100	-	-	100

Total ECTS credits required for stage: 60

Special Regulations:

The Dissertation topic must be consistent with the overall Programme Learning Outcomes.

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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