

# MSc Educational Technologies - LC517

## 1. CONTEXT AND OBJECTIVES

As the government is committed to implementing technology in all educational institutions, the University of Mauritius has responded by mounting this flexible, online course to respond to the needs of educators to familiarize themselves with the effective Analysis, Design, Development, Implementation and Evaluation of technology for classrooms. This programme is a continuation and reinforcement of concepts and skills earned at the BSc Educational Technologies and allows educators to broaden their critical understanding of digital technologies in educational contexts.. This course provides the educator with practical problem-solving skills for optimal use of technology- even for low-technology areas based on strong pedagogical principles so as to meet SDGs.

### **Objectives**

- Develop capacity in the field of ICT in Education and the knowledge society.
- Impart 21<sup>st</sup> Century Teaching and Learning Skills in Educators, Academics and Course Designers.
- Contribute to the transformation of education in the ICT and Knowledge Age through training of 'change agents'.

### **Competencies**

After successful completion of this programme, learners should be equipped with the following competencies:

- Educational management and problem solving skills
- Effective communication skills, adaptability and flexibility
- Effective implication in collaborative educational projects
- Proposing a sustainable and innovative future for educational institutions that involves the effective use of educational technologies

## 2. LEARNING OUTCOMES

On completing this Programme, graduates should be able to:

- Identify sound principles and apply models of learning design for an educational technology project
- Illustrate the implications of Social networking for educational contexts and provide guidance for proper use of networking principles
- Design and develop SCORM packaging for online e-learning platform implementation.
- Investigate and apply visual communication principles throughout the creation of digital material for teaching and learning.
- Develop Audio-visual products for educational purposes
- Engage in the Knowledge Society as a Change agent and understand policy coherence and future scanning for education in developing country contexts
- Design and conduct research in the field of educational technologies.

### 3. **TEACHING AND LEARNING METHODS**

This fully online programme is offered through a flexible mode in the form of webinars, online activities, online practicals, and other learning activities such as groupwork, projects and presentations, including self-learning activities and classroom discussions (virtual and/or face-to-face in cases where students can make arrangements with their respective tutors/ academics).

A typical semester module will carry 6 LCCS Credits which represent 180 notional learning hours broken down as follows: 30 hours of teaching/ tutoring, 60 hours of self-study (desk research, reading) and 90 hours of other learning activities (Webinars, online collaborative learning, activity organisation, presentations, guest lectures, on-field application and testing)

### 4. **GENERAL AND PROGRAMME REQUIREMENTS - SPECIAL CASES**

- **General**

Successful completion of an undergraduate degree with

- at least a Second Class or 50%, whichever is applicable or
- a GPA not less than 2.5 out of 4 or equivalent, from a recognized higher education institution.

**OR** alternative qualifications acceptable to the University of Mauritius.

- **Programme (Specific) Requirements**

An applicant holding a relevant Postgraduate Diploma, acceptable to the University of Mauritius, can apply to join directly on the Masters level and complete a total of 36 LCCS credits (2 modules + a research project equivalent to 24 LCCS credits). The two modules are ILT6015 (Multimedia Animation Tools) and ILT6017 (Digital Media in Education)

- **Special Cases**

The following may be deemed to have satisfied the General and Programme requirements for admission:

- (i) Applicants who do not satisfy any of the requirements as per Regulations above but who submit satisfactory evidence of having passed examinations, which are deemed by the Senate to be equivalent to any of those listed.
- (ii) Applicants who do not satisfy any of the requirements as per Regulations above but who in the opinion of Senate submit satisfactory evidence of the capacity and attainments requisite to enable them to pursue the programme proposed.

## 5. PROGRAMME DURATION

The Programme will be offered fully online on a part-time basis. The duration of the graduate Programme should normally not exceed 4 years (8 semesters).

Master's Degree (Part Time)	Normal	Maximum
	2 years	5 years
	4 Semesters	10 Semesters

## 6. MINIMUM CREDITS REQUIRED (LCCS)

### Requirements for Degree Award

A learner will be awarded an MSc Educational Technologies provided s/he achieves **72 LCCS** credits

### Requirements for each Academic Year

Maximum **36 LCCS credits**, Minimum **24 LCCS credits**, excluding retake modules and subject to section 5 above (maximum duration of programme)

Semester modules to be registered for on a semester basis. Yearly modules to be registered for only once at the start of the module, normally at the beginning of academic year.

### Minimum LCCS Credits Required for the Award of

	Minimum Core Taught Modules	Dissertation	Electives/ Optional Modules	Total
Master's Award:	30 LCCS credits	24 LCCS credits	18 LCCS credits	<b>72</b>
Postgraduate Diploma:	30 LCCS credits		18 LCCS credits	<b>48</b>
Postgraduate Certificate:	24 LCCS credits			<b>24</b>

## 7. ASSESSMENT AND DEADLINES

Each module will be assessed over 100 marks (i.e. expressed as %) with details as follows (unless otherwise specified): Assessment will be based mainly on continuous assessment. Assessment of each module (except for the project) will be as follows:

1. A set of 2 Practical Hands-On Learning Activities (30%)
2. Self-assessment exercises (10%)
3. An Online Portfolio (30%)
4. A Viva-Voce over Skype (for overseas students) and/or face-to-face (for local students) (30%)

The Assessment Criteria for the online portfolio are as follows:

- Showcase of artefacts produced throughout the module (10%)
- Reflective Summary on metacognitive learning, skills and knowledge acquired in the module (15%)
- Overall structure and presentation of portfolio (5%)

The pass mark for a module in the programme will be 50% given the nature of assessment which is entirely through coursework. All submitted coursework reports in the context of this programme will be subject to plagiarism check through the Turnitin Software.

## 8. LIST OF MODULES – MSc Educational Technologies and Knowledge Society

<b>Code</b>	<b>Module Name</b>	<b>Contact Hours (Mode DEOL)</b>	<b>LCCS Credits</b>
<b><u>CORE MODULES</u></b>			
ILT 6019	Research in Educational Technologies	30	6
ILT 6023	Social Networks in Education	30	6
ILT 6029	Learning Content Management Systems	30	6
ILT 6013	Principles of Learning Design	30	6
ILT 6028	Knowledge Society	30	6
ILT 6018	Research Project	N/A	24
<b><u>ELECTIVES</u></b>			
ILT 6015	Multimedia Learning Objects	30	6
ILT 6016	Mobile Learning Environments	30	6
ILT 6017	Digital Media in Education	30	6
ILT 6027	ICTs in Education	30	6
ILT 6014	Applied Visual Communication	30	6

## 9. Programme Plan – MSc Educational Technologies

### YEAR 1

Code (Core)	Module Name	Semester	Online/ face to face Teaching -DEOL (Contact Hours)	LCCS Credits
ILT 6019	Research in Education Technologies	1	30	6
ILT 6023	Social Networks in Education		30	6
ILT 6028	Knowledge Society		30	6
ILT 6013	Principles of Learning Design	2	30	6
	Elective 1		30	6
	Elective 2		30	6
			<b>Sub Total</b>	<b>36</b>

### YEAR 2

Code (Core)	Module Name	Semester	Online/ face to face Teaching -DEOL (Contact Hours)	LCCS Credits
ILT 6029	Learning Content Management Systems	1	30	6
	Elective 3	1	30	6
ILT6018	Research project	1 and 2	N/A	24
			<b>Sub Total</b>	<b>36</b>
			<b>GRAND TOTAL</b>	<b>72</b>

The programme is offered fully online. Not all electives may be run by the University.