UNIVERSITY OF MAURITIUS
CENTRE FOR INNOVATIVE & LIFELONG LEARNING

Postgraduate Diploma in Virtual Reality and 3D Development – LC 511
(Full-Time)

[In collaboration with EON Reality, Mauritius and the Faculty of Engineering, University of Mauritius]

1.   Objectives

The programme is offered in collaboration with EON Reality, and it embeds a wide range of qualities essential to achieve success within the associated industries, with equal opportunities in aligned industries such as marketing, advertising and product visualisation. The communication and articulation of innovative, creative ideas are core to successful interactive 3D and Virtual Reality work. In this programme, students will develop these skills both visually and verbally to effectively communicate ideas and concepts to diverse audiences. They will also develop skills to build professional and personal confidence and encourage independent thinking.

2.   General Entry Requirements
In accordance with General Entry Requirements for admission to the University for Postgraduate Degrees.

3.   Programme Requirements

Credit in five (5) subjects at 'O' Level including Mathematics.
2 GCE 'A' Level passes.

An undergraduate degree in an Information Technology/Computing/Web and Multimedia related field or Science/Engineering/Digital Arts/Design 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.

(Qualified candidates will be called for an interview)

4.   Programme Duration

	Normal (Months)	Maximum
Postgraduate Diploma :	12 months	24 months

5.   Total Number of Credits: 24

6.   Minimum Credits Required for Award of Postgraduate Diploma: 24

7.   Assessment

The programme will be assessed fully by coursework and through a continuous assessment model. For each module, there are a set of learning activities and practical tasks, for which the student has to keep an e-portfolio which will be marked by the tutors. A student must achieve a minimum of 50% overall to pass each module.

The practical training component carries 12 credits, and will be based on a practical project where the student has to conceive, design and develop a product under guidance of a supervisor, and which will be assessed and evaluated by the supervisor and a second examiner. The pass mark is 50 %.

8.   Mode of Delivery

The programme will be delivered on a blended mode with the main role of the direct training delivery to group of trainee alongside with practical examples and assignments based tasks assigned to individuals and groups. Delivery of the training will also include local and remote support from subject matter experts provided by the training delivery institutions. The training will be organised in the daily activities that in total will not expand of 5 hours training delivery sessions to the students with maximum of 25 hours of training hours per week. Each training activity will be organised into the training session that will take between 1-1.5 hours delivered session on front of the computers or within the presentation style combined with discussion.

9.   List of Modules and Programme Plan – Postgraduate Diploma in Virtual Reality and 3D Development

The modules will be run and offered in a sequential approach in the order that they are listed in the table below. The detailed schedules of each module will be handed over to the students at the start of the course.

SEMESTER 1

Module Code CORE	Module Name	Credits
EON5000	General knowledge in area of VR/AR projects	1
EON5001	3D Content Creation Process	2
EON5002	Animation techniques for 3D interactive content	1
EON5003	EON Reality tools – logic in 3D interactive content development	3
EON5004	Advanced Skills in Software Applications Development	2
EON5005	Development of 3D applications for mobile devices	1

EON5006	Immersive systems – development techniques	1
EON5007	Optimisation and advanced features in VR development process	1
Total Semester I		**12**

SEMESTER 2

EON5008	Practical Training	12

Total Semester I and Semester II		**24**

12/04/18