1. **Title of the module**

DIGM8630 (EL863) - Advanced 3D Modelling

1. **School or partner institution which will be responsible for management of the module**

Engineering and Digital Arts

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 7

1. **The number of credits and the ECTS value which the module represents**

15 credits (7.5 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn

1. **Prerequisite and co-requisite modules**

Prerequisite:

DIGM8310 Digital Visual Art Set-Up

1. **The programmes of study to which the module contributes**

MSc in Computer Animation

MSc in Digital Visual Effects

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
2. Produce organic and inorganic CG models for various professional uses

These outcomes are related to the programme learning outcomes in the Computer Animation and Digital Visual Effects MSc curriculum maps as follows: A2, B1, B2, B4, C1 and C2.

1. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**

Learn to use ICT, and will develop core key skills, such as learning effectively, critical thinking and time management, contributing to the Transferable/Key Skills in the generic learning outcomes for the MSc programmes (D2, D5 – D7).

1. **A synopsis of the curriculum**

A single project or group of projects tacking various professional challenges.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Background Reading:

* Maya for Games: Modelling and Texturing Techniques with Maya and Mudbox, Michael Ingrassia, Focal press, ISBN-10: 0240810643, November 2008
* Body Language: Advanced 3D Character Rigging, Eric Allen, Kelly L. Murdock, Jared Fong, Adam G. Sidwell, John Wiley & Sons; ISBN-10: 0470173874, May 2008

1. **Learning and teaching methods**

Total contact hours: 56

Private study hours: 94

Total study hours: 150

1. **Assessment methods**
   1. Main assessment methods

Portfolio (100%)

13.2 Reassessment methods

Like-for-like

1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *8.5* | *8.6* | *9.1* | *9.2* | *9.3* | *9.4* |  |  |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |  |  |
| **Private Study** | **x** |  |  |  |  |  | **x** |  |  |  |  |  |
| *e.g. workshop* | **x** |  |  |  |  |  | **x** |  |  |  |  |  |
| *e.g. laboratory* |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |  |  |
| *e.g. MCQ test* |  |  |  |  |  |  |  |  |  |  |  |  |
| *e.g. Presentation* |  |  |  |  |  |  |  |  |  |  |  |  |
| *Portfolio* | **x** |  |  |  |  |  | **x** |  |  |  |  |  |
| *e.g. Examination* |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

1. **Inclusive module design**

The School recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

**The methods and practices covered are internationally used in this field**

**DIVISIONAL SUPPORT OFFICE USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
|  |  |  |  |  |
|  |  |  |  |  |

Revised FSO Jan 2018