1. KentVision Code and title of the module

DIGM5320 - 3D Production

## Division and School/Department or partner institution which will be responsible for management of the module

Division of Computing, Engineering and Mathematical Sciences, School of Engineering

## The level of the module (Level 4, Level 5, Level 6 or Level 7)

Level 5

## The number of credits and the ECTS value which the module represents

30 credits (15 ECTS)

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

Autumn and Spring

## Prerequisite and co-requisite modules and/or any module restrictions

None.

## The course(s) of study to which the module contributes

Compulsory to the following courses:

BSc Digital Design

BSc Digital Design with a Year in Industry

BSc Digital Design with a Year Abroad

## The intended subject specific learning outcomes. On successfully completing the module students will be able to:

8.1 Apply the principles of 3D visual effects production techniques using appropriate industry standard tools.

8.2 Understand the main constraints that affect computer based digital visual effects.

8.3 Effectively communicate through the production of 3D models, animation and compositing.

8.4 Knowledge and a critical understanding of the parameters that produce good visual effects solutions.

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

9.1 Use Information and Communication Technologies

9.2 Present and communicate their creative and technical work in a timely manner

9.3 Work in flexible, creative and independent ways and to think critically

## A synopsis of the curriculum

This module introduces the 3D Design pipeline using industry-standard software packages. Each technical workshop session includes hands-on training in 3D Design and compositing software. Practical sessions cover 3D modelling, texturing, lighting, animation and compositing.

## Reading list

## The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.

## The most up to date reading list for each module can be found on the university's [reading list pages](https://kent.rl.talis.com/index.html).

## Contact Hours

Private Study: 240

Contact Hours: 60

Total: 300

## Assessment methods

* 1. Main assessment methods

Production Tools (5-6 weeks development work) (15%)

Exterior Asset Integration (4-5 weeks development work) (15%)

Interior Asset Integration (4-5 weeks development work) (20%)

Project (6-7 weeks development work) (50%)

13.2 Reassessment methods

Reassessment instrument: 100% coursework.

## Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section 12) and methods of assessment (section 13)

**Module learning outcomes against learning and teaching methods:**

| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 9.1 | 9.2 | 9.3 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Private Study** | x | x | x | x | x | x | x |
| *Workshops* | x | x | x | x | x | x | x |
| *Tutorial Lectures* | x | x |  | x |  |  |  |

**Module learning outcomes against assessment methods:**

| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 9.1 | 9.2 | 9.3 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Production Tools* | **x** |  | **x** |  | **x** | **x** | **x** |
| *Exterior Asset Integration* | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| *Interior Asset Integration* | **x** |  | **x** |  | **x** | **x** | **x** |
| *Project* | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

## Inclusive module design

The Division 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

## Campus(es) or centre(s) where module will be delivered

Canterbury

## Internationalisation

The module curriculum equips students with the skills, knowledge and best practice required by a range of design industries.

**DIVISIONAL USE ONLY**

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

| Date approved | New/Major/minor revision | Start date of delivery of (revised) version | Section revised  (if applicable) | Impacts PLOs (Q6&7 cover sheet) |
| --- | --- | --- | --- | --- |
| 21/02/18 | Major | January 2019 | 7, 10-13 | No |
| 15/10/2020 | Major | September 2022 | 1,5,6,7,8,9,10,11,13,14,17 | No |
| 14/11/2022 | Major | September 2023 | 8, 13 14 | No |