

Module Details	
Module Title	Introduction to 3D Computer Animation
Module Code	GAV4007-B
Academic Year	2024/5
Credits	20
School	School of Built Environment, Architecture & Creative Industries
FHEQ Level	FHEQ Level 4

Contact Hours	
Type	Hours
Laboratories	48
Directed Study	152

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims
To gain a full grounding in all the processes involved (modelling, texturing, rigging, animation and rendering) in the production of computer graphics animation.

Outline Syllabus
Introduction to Maya interface, poly modelling, NURBS, texturing, rigging, animation, personal investigation, tutorials and crit.

Learning Outcomes	
Outcome Number	Description
01	Describe and explain the general concepts of 3D graphics and a 3D computer animation environment.
02	Produce a 3D animation using appropriate processes and techniques; identify the advantages and disadvantages of computer graphics environments in relation to other key areas of animation and modelling.
03	Demonstrate personal and project management skills by work to a specification within a prescribed timescale.

Learning, Teaching and Assessment Strategy
The sessions are supported by tutorials (video and text) and are fundamentally delivered through didactic presentations, group learning, critical evaluations, online quizzes and one to one peer to peer and lecture feedback.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Coursework - Portfolio/e-portfolio	Use tutorial to make animated model. Produce several formative Maya models & One final Maya model and HD render 1920	50%
Summative	Coursework - Portfolio/e-portfolio	Project containing several Maya models and HD render; One final Maya model and a HD render 1920 x 1080	50%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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