

Key Facts

Faculty of Computing,
Engineering and
Technology

Location:
Stafford Campus

Duration:
3 year duration or 4 year
duration with one year in
industry

Entry requirements:
Typical offer: 280 UCAS
points.
A Level: BBC
BTEC: DMM
Assessment: 100%
Coursework

At-a-glance

The aim of this award is to produce graduates who have the specific skills to work in the Games industry as Technical Artists and develop on into a career as either a Technical Director or Character Technical Director.

You will develop 3D modelling skills in high and low polygon modelling to create models that fit the specific criteria to function within the games engine. You will build skills in scripting languages for 3D applications to create additional functionality and efficiency for 3D modelling through the use of tool programming and development. You will develop an excellent level of knowledge of multiple high level scripting languages to ensure expertise in multiple applications and you will develop games production work flow, games documentation and project management skills.

Course Outline

Year 1

Core

- Introduction to 3D Modelling for Games
 - Games Engines and Physics
 - Introductory CGI
 - Introduction to Scripting for 3D Applications
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Options

- Motion Capture
 - Computer Games Design Documentation
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Year 2

- 3D Facial and Body Modelling
 - Computer Games Design: High Concept and Preproduction
 - 2D Games Texturing
 - Games Shaders and Effects
 - Computer Games Design: Production and Testing
 - Scripting Concepts for VFX
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Year 3

- Advanced 3D Modelling Portfolio
 - Character Rigging for Games
 - Further Scripting Concepts for VFX
 - Advanced 3D Modelling in a Games Engine
 - Entertainment Project Portfolio
 - Entertainment Research Project Dissertation
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UNIVERSITY**

THE STAFFORDSHIRE GRADUATE

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The information in this leaflet is correct at the time of publication, but may be subject to change.

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Study at Staffs and we'll help you to develop the skills and qualities necessary for success in the 21st Century.

By working together, we'll aim to equip you to become 'The Staffordshire Graduate' – an individual with the knowledge, personal attributes and expertise that employers look for, and the ability to stand out in the job market.

With a thorough understanding of your chosen field, you'll be a reflective, critical learner with a truly global perspective. Work-ready and highly employable, you'll also fully understand the importance of being enterprising and entrepreneurial – essential skills whether you go into employment or start your own business.

Detailed entry requirements can be found on each of our online course pages or by visiting www.staffs.ac.uk/ugentryrequirements

For full, up-to-date details of our degrees and other courses, visit: www.staffs.ac.uk/undergraduate

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