OVERVIEW GUIDE

Access to Higher Education

g gateway qualifications

Access to Higher Education Diploma (Computer Game Design and Development)

Qualification Number	Learning Aim Code	Diploma Title
QAAQ004750	40014794	Access to Higher Education Diploma (Computer Game Design and Development)

Unit List

Mandatory Units: Graded Academic Subject Content

Learners must complete 12 credits from the mandatory graded units.

Unit Code	Unit Title	Level	Credits	Content
QU034756	Computer Games Design	3	6	Academic
QU034774	Game Engines	3	6	Academic

Optional Units: Research Graded Academic Subject Content

Learners must complete 6 credits from the optional graded research units.

Unit Code	Unit Title	Level	Credits	Content
QU035040	Research Project for Animation	3	6	Academic
QU035895	Research: Practical Investigation Project for Digital Technology	3	6	Academic
QU035897	Research: Practical Investigation Project for Gaming	3	6	Academic

Optional Units: Graded Academic Subject Content

Learners must complete 27 credits from the optional graded units.

Unit Code	Unit Title	Level	Credits	Content
QU034876	2D Animation Fundamentals	3	6	Academic
QU034878	3D Animation Fundamentals	3	6	Academic
QU034882	3D Environments	3	6	Academic
QU034884	3D Sculpting	3	3	Academic
QU034890	Advanced 3D Modelling	3	6	Academic
QU034902	Artificial Intelligence in Computer Gaming and Design	3	3	Academic
QU034916	Concept Art for Computer Games	3	3	Academic
QU034924	Create 3D Game Model Characters	3	3	Academic
QU034926	Create 3D Game Model Vehicles	3	3	Academic

Unit Code	Unit Title	Level	Credits	Content
QU034928	Create a Virtual or Augmented Reality Experience	3	3	Academic
QU034944	Digital Graphics for Computer Games	3	3	Academic
QU034970	Game Design Storyboarding	3	6	Academic
QU035004	Introduction to Virtual and Augmented Reality	3	3	Academic
QU035899	Level Design	3	3	Academic
QU034810	Mathematics for Computing	3	3	Academic
QU034814	Mobile Games Development	3	6	Academic
QU035901	Narrative Design	3	3	Academic
QU035034	Procedural Programming	3	6	Academic
QU035903	Rapid Game Development Prototyping	3	3	Academic
QU035090	Sound for Animation	3	6	Academic
QU035096	Stop Motion Animation	3	6	Academic
QU035126	Understanding Game Engines for Animation	3	3	Academic
QU035132	Understanding the Computer Games Industry	3	3	Academic
QU035134	Use Game Engines for Animation	3	3	Academic
QU035142	VFX	3	6	Academic
QU034690	Website Design and Development	3	6	Academic
QU035148	World Building	3	3	Academic

Mandatory Units: Ungraded

Learners must complete 3 credits from the mandatory ungraded units.

Unit Code	Unit Title	Level	Credits	Content
QU034710	Preparation for Higher Education	3	3	Other

Optional Units: Ungraded

Learners must complete 12 credits from the optional ungraded units.

Unit Code	Unit Title	Level	Credits	Content
QU034692	Academic Writing Skills	3	3	Other
QU034694	Application of Number - Interpreting and Presenting Information	3	3	Other

Unit Code	Unit Title	Level	Credits	Content
QU034696	Communication - Speaking and Listening	3	3	Other
QU034700	Computer Data Protection	3	3	Other
QU034702	Developing Professional Attributes	3	3	Other
QU034704	Inclusivity and Disability	3	3	Other
QU035162	Introduction to 3D	3	3	Academic
QU034706	Mathematics- Calculations	3	3	Other
QU034708	Optimising Examination Performance	3	3	Other
QU034712	Presentation Skills	3	3	Other
QU034714	Presenting Information Using ICT	3	3	Other
QU035174	Principles of Object-Oriented Programming	3	3	Other
QU034716	Problem Solving in the Workplace	3	3	Other
QU034718	Professional Interpersonal Behaviours	3	3	Other
QU034720	Promoting Wellbeing and Building Resilience	3	3	Other
QU034722	References and Reliability of Sources	3	3	Other
QU034724	Relational Database	3	3	Other
QU034726	Spreadsheets	3	3	Other
QU034730	Study Skills for Higher Education	3	3	Other
QU034732	Sustainability Project	3	3	Other
QU034734	The Fundamentals of Environmental Sustainability	3	3	Other
QU034736	Writing Reports	3	3	Other