

**APPROVED**

## WM7002: 3D Modeling and Animation 1

### Course Details

Course Code:	WM7002		
Course Title:	3D Modeling and Animation 1	APPROVED	
Short Title:	3D		
Course Level::	Level 7		
Valid From::	2022/2023 Sem 2		
Credits::	15		
Owner:	Web Media		
Assessment Method:	Achievement		
Course Aim	To enable learners to produce their own 3D computer generated imagery for use in the web media industry by enhancing their skills in modeling, lighting, shading, animation, simulation, rendering, compositing and sequencing.		

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Conceptualize, plan and illustrate the development of an imaginative 3D scene
2	Model the elements of a 3D scene using primitive shapes, incorporating shadows & highlights
3	Animate the elements of a 3D scene utilizing both object and camera movement
Requisites	
No requisites	

No Examinations
No Other Controlled Assessments
<b>Uncontrolled Assessments</b>
<b>Assessment Type</b> Practical Project
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Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
ICT8011	Bachelor of Information and Communications Technology (Programming Major)	1	Programme
ICT8011	Bachelor of Information and Communications Technology (Programming Major)	2	Programme
BFA6000	Diploma in Film and Animation	1	Programme
BFA7000	Associate Degree in Film and Animation	1	Programme
BFA8800	Bachelor of Film and Animation	1	Programme
BFA8800	Bachelor of Film and Animation	2	Programme
BFA8801	Bachelor of Filmmaking	1	Programme
BFA8802	Bachelor of Animation and Visual Effects	1	Programme
BWM6000	Diploma in Web Media	1	Programme
BWM7000	Associate Degree in Web Media	1	Programme
BWM7000	Associate Degree in Web Media	2	Programme
BWM8000	Bachelor of Web Media	2	Programme
BWM8000	Bachelor of Web Media	3	Programme
DES8000	Bachelor of Visual Design	3	Programme
DSM6001	Diploma in Social Media Marketing	1	Programme
ENT8020	Bachelor of Engineering Technology (Mechanical)	3	Programme
ENT8031	Bachelor of Engineering Technology (Electronics)	4	Programme
ENT8040	Bachelor of Engineering Technology (Electrical)	2	Programme
ENT8050	Bachelor of Engineering Technology (Electromechanical)	2	Programme
ENT8060	Bachelor of Engineering Technology (Communications and Networks)	2	Programme
ENT8070	Bachelor of Engineering Technology (Chemical and Industrial Processes Engineering)	1	Programme
ENT8080	Bachelor of Engineering Technology (Civil)	1	Programme
ENT8090	Bachelor of Engineering Technology (Industrial Instrumentation and Automatic Control)	1	Programme
ICT7011	Associate Degree in Information and Communications Technology (Programming Major)	1	Programme
ICT7022	Associate Degree in Information and Communications Technology (Information Systems)	1	Programme
ICT7041	Associate Degree in Information and Communications Technology (Database Systems Major)	1	Programme
ICT7051	Associate Degree in Information and Communications Technology (Cyber Security)	1	Programme
ICT8022	Bachelor of Information and Communications Technology (Information Systems Major)	1	Programme
ICT8031	Bachelor of Information and Communications Technology (Networking Major)	1	Programme
ICT8041	Bachelor of Information and Communications Technology (Database Systems Major)	1	Programme
ICT8051	Bachelor of Information and Communications Technology (Cyber Security Major)	2	Programme
IDS6000	Diploma in Interactive Design	1	Programme
MVD6010	Minor in 3D Design	1	Programme
MWM8000	Minor in Web Media Design	1	Programme
No Code Yet	Bachelor of Web Media (Updated)	1	Programme
No Code Yet	Copy Of Bachelor of Information and Communications Technology (Cyber Security Major)	1	Programme
TBC	To be deleted	1	Programme
NEDICTE	Non-EDICT Electives	1	Group