

Module specification

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Module code	CMT538
Module title	Studio Design Standards
Level	5
Credit value	20
Faculty	FAST
Module Leader	Dan Pope
HECoS Code	100222
Cost Code	GACT

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
BSc (Hons) Television Production and Technology	Core
BSc (Hons) Professional Sound And Video	Core
BA (Hons) Media Production.	Option

Pre-requisites

None

Breakdown of module hours

Type of Module hours	Amount
Learning and teaching hours	30 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	30 hrs
Placement / work based learning	0 hrs
Guided independent study	170 hrs
Module duration (total hours)	200 hrs

For office use only	
Initial approval date	September 2021
With effect from date	September 2021
Date and details of revision	
Version number	1

Module aims

The aim of this module is to expand upon principles acquired in the first year of the programme and apply the skills to design scenarios representing industry related tasks. The knowledge delivered will be concerned with the visual, acoustic and electrical design of a real space with ideas and principles drawn from case studies. The student will be introduced to 2D and 3D design packages to enable the creation of designs to a creative and professional standard.

The electrical considerations will be an expansion of the knowledge acquired in Level 4 audio and video modules, applying core electrical principles to standard interconnections and wiring protocols for digital and analogue signal paths.

Module Learning Outcomes - at the end of this module, students will be able to:

1	Use computer aided design packages to construct virtual studio spaces
2	Emulate and appraise the performance of the environment using computer modelling and simulation
3	Define and analyse the business and financial constraints of the media studio industry
4	Design electrical solutions from equipment specifications. Draft designs to a professional standard.

Assessment

Indicative Assessment Tasks:

The assessment will be a design project that will be supported by taught lectures. The student will design a media studio based upon a given space. The design will be supported by case studies of operational recording facilities and include detailed drawings and renderings to support the design specification.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1-4	Coursework	100

Derogations

None

Learning and Teaching Strategies

The Active Learning framework (ALF) embraces accessible, engaging and flexible approaches to learning, teaching and assessment in order that students are afforded the very best opportunities to engage actively with their learning.

- Flexible, innovative, relevant and accessible assessment and feedback practices that optimise student engagement and achievement within a healthy learning environment;

- An approach to research informed-teaching that champions active and engaged inquiry and curiosity through useful, active, applied research and scholarship.

Ref Glyndŵr Staff handbook 2021

The module will be delivered to engage with ALF. The ALF model will be used to deliver asynchronous and synchronous lectures and content. The module will be delivered using an appropriate range of teaching and learning strategies. The module will be presented as a series of lectures. Seminars will be conducted to explore the use of associated software.

Indicative Syllabus Outline

Overview of the media studio industry
Studio industry case studies
Electrical principles as applied to media studio design
Electrical interconnection standards for AV
Creating applied documentation
2D drafting
3D drafting
Lighting electrical considerations
Acoustic considerations
Accessibility and diversity

Indicative Bibliography:

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads

The student is not expected to read whole texts. Suitable sections will be selected by those delivering lectures.

Box, H.C. (2010). *Set Lighting technicians handbook*. Focal Press
CADFolks.(2015). *AutoCad for beginners*. CreateSpace Independent Publishing.
Everest, F. A. (2015). *Master Handbook Of Acoustics*. McGraw Hill
Newell, P. (2012). *Recording Studio Design*, 3rd ed. Focal Press,

Other indicative reading

Audio Engineering Society –Journal and e-Library
<http://www.aes.org>
Chopra, A. (2014). *Sketchup 14 for dummies*. John Wiley & Sons

Employability skills – the Glyndŵr Graduate

Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes

Engaged
Enterprising
Creative

Key Attitudes

Commitment

Curiosity

Resilience

Confidence

Adaptability

Practical Skillsets

Digital Fluency

Organisation

Critical Thinking

Communication