

Module specification

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Module code	CMT522
Module title	Research Methods
Level	5
Credit value	20
Faculty	FAST
Module Leader	Dr Jason Woolley
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) Music and Sound Technology BSc (Hons) Television Production and Technology BSc (Hons) Professional Sound and Video. BA (Hons) Media Production.	Core

Pre-requisites

N/A

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

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Date and details of revision	
Version number	1

Module aims

The content of this module is designed to introduce the student to the concepts and practice of applied research. This will be achieved through the examination of trends in technology and the external cultural/technological factors that have led to its success or failure. This module offers the opportunity to develop a firm base of research skills to support the student to progress in subsequent modules and further study.

Underpinning this is the understanding of how an extended piece of academic writing is constructed, preparing students for extended academic writing such as the dissertation and project modules at level 6.

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

1	Analyse the political, social and market forces that drive the development of technology.
2	Investigate the cultural factors that influence market trends with regards new technology.
3	Utilise valid research methods and apply them to the subject of an extended piece of academic writing.
4	Critically analyse a problem in cultural, technical, economic and social terms.

Assessment

Indicative Assessment Tasks:

1. Research proposal –The student will formulate a research proposal based upon the initial lectures and delivered as a short presentation.
2. Essay –The student will write a structured piece of academic writing that explores the topic presented in the research proposal. (2000-2500 words)

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1,3	Presentation	30
2	1-4	Written Assignment	70

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 and seminars supported by personal Tutorials.

Indicative Syllabus Outline

Academic writing and formatting

Referencing standards and tools

Formulating a research question

Conducting a literature review

Research methodologies

Use the above to test the adoption of a technology relevant to the enrolled degree, or an associated idea aligned to the degree content.

Practical exercise class based to test data

Confidence values in Data

Introduction to SPSS

Indicative Bibliography:

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

Essential Reads

Creswell, J.W. and Creswell, J. (2018) *Research design : qualitative, quantitative, and mixed method approaches*. Los Angeles : SAGE Fifth edition.; International student edition

Other indicative reading

Rogers, E, M. (2003) *Diffusion of Innovations*, 5th Edition. Free Press.

Open University. (2015). *Essay and report writing skills*. The open university (Free Kindle Edition)

McCormick, K. (2015). *SPSS Statistics for Dummies*. John Wiley & Sons Inc

Turabian, K.L. Booth, W.C. (2013) *A manual for writers of research papers, theses, and dissertations*. University of Chicago Press.

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
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Organisation
Critical Thinking
Emotional Intelligence
Communication