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Refer to guidance notes for completion of each section of the specification.

<b>Module Code:</b>	CMT434
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<b>Module Title:</b>	Introduction to noise assessments in the workplace
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<b>Level:</b>	4	<b>Credit Value:</b>	10
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<b>Cost Centre(s):</b>	GACT	<b>JACS3 code:</b>	J930
		<b>HECoS code:</b>	100222

<b>Faculty</b>	FAST	<b>Module Leader:</b>	Colin Heron
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Scheduled learning and teaching hours	18 hrs
Placement tutor support	0 hrs
Supervised learning eg practical classes, workshops	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
<b>Total contact hours</b>	<b>18 hrs</b>
Placement / work based learning	
Guided independent study	82 hrs
<b>Module duration (total hours)</b>	<b>100 hrs</b>

<b>Programme(s) in which to be offered (not including exit awards)</b>	Core	Option
BSc Sound Technology	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<b>Pre-requisites</b>
N/A

**Office use only**

Initial approval: 02/11/2020  
 With effect from: 02/11/2020  
 Date and details of revision:

Version no:1

Version no:

**Module Aims**

This short course aims to:

- Assessing the risk of Noise in work is mandated by law. This course is dedicated to educating participants to a level where they can effectively comply with the Control of Noise Regulations 2005.

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

1	Identify the key aims of the Control of Noise at Work Regulations 2005
2	Demonstrate an understanding of the impact of noise on humans
3	Practically use Sound Level Meters to make appropriate measurements for noise assessments
4	Complete reports and action plans that address current regulations

<b>Employability Skills The Wrexham Glyndŵr Graduate</b>	<b>I = included in module content A = included in module assessment N/A = not applicable</b>
<b>CORE ATTRIBUTES</b>	
Engaged	I
Creative	I
Enterprising	I/A
Ethical	I/A
<b>KEY ATTITUDES</b>	
Commitment	I/A
Curiosity	I
Resilient	I/A
Confidence	I/A
Adaptability	I/A
<b>PRACTICAL SKILLSETS</b>	
Digital fluency	I/A
Organisation	I/A
Leadership and team working	N/A
Critical thinking	I/A
Emotional intelligence	I/A
Communication	I/A

## Derogations

None

## Assessment:

### Indicative Assessment Tasks:

Throughout this course there will be two online quizzes that address the Control of Noise at Work Regulations 2005 and the impact of noise on humans. The final assessment task will be the completion of a noise assessment report in a workplace. Due to current Covid-19 restrictions, this part of the assessment can be completed using a domestic environment as the subject, such as a kitchen or home workshop.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1	Online quiz	20
2	2	Online quiz	20
3	3, 4	Report	60 (800 words)

## Learning and Teaching Strategies:

Online instructional videos and digital handouts.

## Syllabus outline:

This course will:

1. Introduction to the Control of Noise at Work Regulations 2005
2. Decibels and sound units
3. Introduce the safe working limits of exposure to sound
4. The impact of sound on humans and the environment
5. Techniques for measuring sound
6. Outline the steps required for conducting a noise risk assessment
7. How to write a risk assessment and action plan

## Indicative Bibliography:

### Essential reading

HSE The Control of Noise at Work Regulations 2005 <https://www.hse.gov.uk/pubns/priced/l108.pdf>

HSE Noise at work – A brief guide to controlling the risks <https://www.hse.gov.uk/pubns/indg362.pdf>

HSE Noise – Don't lose your hearing! <https://www.hse.gov.uk/pubns/indg363.pdf>

### Other indicative reading

Everest, F.A. (2014) The Master Handbook of Acoustics, Sixth Edition. McGraw-Hill Education. New York