



Title:	Theatre Technology 1 APPROVED
Long Title:	Theatre Technology 1
Module Code:	DRAM6018
Duration:	1 Semester
Credits:	5
NFQ Level:	Fundamental
Field of Study:	Drama
Valid From:	Semester 1 - 2017/18 (September 2017)
Module Delivered in	2 programme(s)
Module Coordinator:	JOHN O CONNOR
Module Author:	Keith Clancy
Module Description:	An introduction to theatre sound & lighting technology
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
LO1	Recognise and describe the principal items of equipment used in theatre sound & lighting
LO2	Rig and operate basic sound reinforcement and lighting equipment including control desks
LO3	Observe and demonstrate a good knowledge of the health and safety requirements of working with electricity in the theatre
LO4	Demonstrate an understanding of plans and cue sheets for light and sound design
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named CIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
none	
Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module. You may not earn additional credit for the same learning and therefore you may not enrol in this module if you have successfully completed any modules in the incompatible list.</i>	
none	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed. You may not enrol on this module if you have not acquired the learning specified in this section.</i>	
none	

Module Content & Assessment

Indicative Content

Health & Safety

A rigorous grounding in essential physical and electrical health & safety practices in the theatre including working at heights

Electrical Fundamentals

Current, cabling and connectors

Lighting Basics

Different lamp and lantern types and their uses, colour gels, dimmer circuits and the control desk and its software

Sound Basics

Theatre acoustics, sound reproduction equipment, microphones, cabling, amplification and the sound desk

Planning & Plotting

Drawing up plans and plotting sound and lighting designs

Assessment Breakdown	%
Course Work	40.00%
End of Module Formal Examination	60.00%

Course Work				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Practical/Skills Evaluation	Continuous assessment of skill development	1,2,3,4	40.0	Every Week

End of Module Formal Examination				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	End-of-Semester Final Examination	1,3,4	60.0	End-of-Semester

Reassessment Requirement
<p>Repeat examination <i>Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.</i></p>

The institute reserves the right to alter the nature and timings of assessment

Module Workload

Workload: Full Time				
<i>Workload Type</i>	<i>Workload Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	Lectures on Health & Safety, Sound & Lighting	1.0	Every Week	1.00
Lab	Hands-on Theatre Session	2.0	Every Week	2.00
Independent & Directed Learning (Non-contact)	Independent Study	4.0	Every Week	4.00
Total Hours				7.00
Total Weekly Learner Workload				7.00
Total Weekly Contact Hours				3.00

This module has no Part Time workload.

Module Resources

Recommended Book Resources

- Coleman, P 2004, *Basics - A Beginner's Guide to Stage Sound*, Entertainment Technology Press [ISBN: 1904031277]
- Coleman, P 2003, *Basics - A Beginner's Guide to Stage Lighting*, Entertainment Technology Press [ISBN: 978-1904031208]
- Van Beek, M 2000, *A Practical Guide to Health & Safety in the Entertainment Industry*, Entertainment Technology Press Ltd [ISBN: 978-1904031048]

Supplementary Book Resources

- Toshiro Ogawa 2016, *Theatre Engineering & Stage Machinery*, 4th Ed., Entertainment Technology Press [ISBN: 1904031889]
- edited by Jane Collins and Andrew Nisbet 2010, *Theatre and performance design*, first Ed., Routledge London [ISBN: 978-0415432108]

This module does not have any article/paper resources

Other Resources

- website: *Sound on Sound*
<http://www.soundonsound.com>
- website: *Stage Lighting Primer*
<http://www.stagelightingprimer.com>

Module Delivered in

Programme Code	Programme	Semester	Delivery
CR_GMUTH_8	<u>Bachelor of Arts (Honours) in Musical Theatre</u>	2	Mandatory
CR_GTHDR_8	<u>Bachelor of Arts (Honours) in Theatre and Drama Studies</u>	1	Mandatory