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| Title: | Sound Design APPROVED |
| Long Title: | Sound Design |
| Module Code: | DRAM7018 |
| Duration: | 1 Semester |
| Credits: | 5 |
| NFQ Level: | Intermediate |
| Field of Study: | Drama |
| Valid From: | Semester 1 - 2017/18 (September 2017) |
| Module Delivered in | 5 programme(s) |
| Module Coordinator: | JOHN O CONNOR |
| Module Author: | Keith Clancy |
| Module Description: | A hands-on course providing a practical working knowledge of audio technology in the theatre |
| Learning Outcomes | |
| <i>On successful completion of this module the learner will be able to:</i> | |
| LO1 | Rig and connect an array of fixed microphones and set up a small series of radio microphones |
| LO2 | Plan and rig speaker systems for different theatrical purposes |
| LO3 | Operate a digital sound desk and trigger cues from a variety of audio sources |
| LO4 | Use audio software to edit and set up sound cues |
| LO5 | Demonstrate an understanding of the important electrical and electronic aspects of audio equipment |
| 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> | |
| Should have successfully taken module ' Introduction to Sound & Lighting' or equivalent | |
| 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> | |
| No incompatible modules listed | |
| 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> | |
| Successful completion of module DRAM6018 Theatre Technology 1 or SAFEPASS or equivalent with appropriate training in electrical safety. | |

Module Content & Assessment

Indicative Content

Microphones

Microphone handling, applications and characteristics

Sound Systems

Integrated sound reinforcement and reproduction systems, rigging procedures and practical operation

Digital Sound Desk

Set-up and operation, including levels, panning, equalization, effects & compression and automation

Audio Software

Use of audio software to prepare, edit and cue sound design elements

Digital Audio Reproduction

Standard theatrical sound sources, surround sound

Assessment Breakdown

| | % |
|----------------------------------|--------|
| Course Work | 60.00% |
| End of Module Formal Examination | 40.00% |

Course Work

| <i>Assessment Type</i> | <i>Assessment Description</i> | <i>Outcome addressed</i> | <i>% of total</i> | <i>Assessment Date</i> |
|------------------------|---|--------------------------|-------------------|------------------------|
| Project | Short software-based sound design project | 4 | 30.0 | Week 10 |
| Performance Evaluation | Continuous assessment of practical work | 1,2,3 | 30.0 | Every Week |

End of Module Formal Examination

| <i>Assessment Type</i> | <i>Assessment Description</i> | <i>Outcome addressed</i> | <i>% of total</i> | <i>Assessment Date</i> |
|------------------------|-----------------------------------|--------------------------|-------------------|------------------------|
| Formal Exam | End-of-Semester Final Examination | 2,3,5 | 40.0 | End-of-Semester |

Reassessment Requirement

Repeat the module

The assessment of this module is inextricably linked to the delivery. The student must reattend the module in its entirety in order to be reassessed.

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 | Book-based theoretical class | 1.0 | Every Week | 1.00 |
| Lab | AudioLab software session | 1.0 | Every Second Week | 0.50 |
| Lecturer-Supervised Learning (Contact) | Practical theatre session | 2.0 | Every Week | 2.00 |
| Independent & Directed Learning (Non-contact) | Study, research and project work | 3.5 | Every Week | 3.50 |
| Total Hours | | | | 7.50 |
| Total Weekly Learner Workload | | | | 7.00 |
| Total Weekly Contact Hours | | | | 3.50 |

This module has no Part Time workload.

| Module Resources |
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| <i>Recommended Book Resources</i> |
| <ul style="list-style-type: none">• George A Duckett 2016, <i>Sound Design: Questions and Answers</i>, Create Space [ISBN: 1523230517] |
| <i>Supplementary Book Resources</i> |
| <ul style="list-style-type: none">• Leonard, J 2001, <i>Theatre Sound</i>, A&C Black [ISBN: 0713648034]• White, P 2000, <i>Basic Live Sound</i>, Sanctuary [ISBN: 1860742712]• Tony Gibbs 2007, <i>The Fundamentals of Sonic Art & Sound Design</i>, AVA Publishing [ISBN: 2940373493] |
| <i>This module does not have any article/paper resources</i> |
| <i>Other Resources</i> |
| <ul style="list-style-type: none">• n/a: Website http://www.soundonsound.co.uk |

Module Delivered in

| Programme Code | Programme | Semester | Delivery |
|-----------------------|--|-----------------|-----------------|
| CR_GMUTH_8 | <u>Bachelor of Arts (Honours) in Musical Theatre</u> | 3 | Elective |
| CR_GMUTH_8 | <u>Bachelor of Arts (Honours) in Musical Theatre</u> | 4 | Elective |
| CR_GPOPM_8 | <u>Bachelor of Arts (Honours) in Popular Music</u> | 4 | Elective |
| CR_GTHDR_8 | <u>Bachelor of Arts (Honours) in Theatre and Drama Studies</u> | 3 | Elective |
| CR_GTHDR_8 | <u>Bachelor of Arts (Honours) in Theatre and Drama Studies</u> | 4 | Elective |