

Full Title:	Applications of Technology in Music Education and Community Music
Module Code:	MUSC M9001
Credits:	5
Valid From:	Semester 1 - 2014/15 (September 2014)
Module Delivered in	1 programme(s)
Module Description:	This module provides the student with the knowledge and skills to identify opportunities for the effective application of technology in music education and community music settings, and its successful implementation.
Learning Outcomes:	
<i>On successful completion of this module the learner should be able to</i>	
<ol style="list-style-type: none"> 1. identify opportunities for the effective application of technology in music teaching and learning. 2. specify hardware/software solutions for particular music education situations/tasks. 3. effectively apply/implement technology in a variety of music education situations with appropriate attention to health and safety issues. 4. design appropriate materials to enhance teaching and learning in the second-level music curriculum. 5. have gained an in-depth knowledge of Assistive Music Technology. b) show an awareness of disability issues and accessibility, both in practical and workshop instances. 6. be conversant with the standard techniques and procedures used by leading field specialists. e) have aquired the skills set needed to implement and design computer music workstations for musicians with disabilities with appropriate attention to health & safety issues. 	

Module Content & Assessment

Indicative Content
An overview of music education at second level (composition, performance, listening), identifying opportunities for the effective use of technology n/a
Open source sound / music software and its applications in music education n/a
Applications of sound editing software in music education n/a
Authoring environments and their effective use as a tool in music teaching n/a
Web resources for music education n/a
Analysing the effectiveness of music education hardware and software tools; characteristics of effective solutions n/a
Hardware/software solutions and their use for composition, performance, listening and other activities related to music education n/a
Effective use of music notation software n/a
Educational applications of accompaniment software n/a
Effective MIDI sequencing – backing tracks n/a
Applications of technology in aural training n/a
Creation of audio support materials for students. n/a
Assistive Music Technology Application of music technology in special needs education, therapy application and adult learning
Assistive Music Technology Disability awareness Overview of current special needs interfacing technology
Assistive Music Technology Sensor technologies Switching technologies Accessible Music software Live performance skills audit for musicians Gestural controllers, Environmental controllers

Assessment Breakdown	%
Course Work	100.00%

Full Time

Course Work							
<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Marks Out Of</i>	<i>Pass Marks</i>	<i>Assessment Date</i>	<i>Duration</i>
Continuous Assessment	Portfolio completed over semester	1,2,3,4,5,6	100.00	0	0	Week 12	0

No Project

No Practical

No End of Module Formal Examination

Reassessment Requirement

A repeat examination

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.

DKIT reserves the right to alter the nature and timings of assessment

Module Workload & Resources				
Workload: Full Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Directed Reading	n/a	2.00	Every Week	2.00
Independent Study	n/a	4.00	Every Week	4.00
Lecture	n/a	2.00	Every Week	2.00
Total Weekly Learner Workload				8.00
Total Weekly Contact Hours				2.00

This course has no Part Time workload.

Resources
<i>Supplementary Book Resources</i>
Ballora, Mark, <i>Essentials of Music Technology</i>, Prentice Hall, 2002
Williams, D. & Webster, P., <i>Experiencing Music Technology (2nd ed.)</i>, Wadsworth Pub Co, 1999
<i>This module does not have any article/paper resources</i>
<i>This module does not have any other resources</i>

Module Delivered in

Programme Code	Programme	Semester	Delivery
DK_HMUSC_R	Master of Arts/Master of Science in Music Technology	2	Elective