



**School of Performing Arts
Subject Outline
Production**

Subject Name:

Performance Technology 1

Subject Number:

THTR10014

Credit Points:

25.00

Prerequisites, Co requisites:

N/A

Duration of subject: (semester or whole year):

Semester 2 2012

Contact/Time Commitment: (contact hours per week or semester or year; time commitment expected for duration of subject)

120 Contact hours plus 120 hours non-contact time commitment expected for duration of the subject. 240 Total Commitment

Mode of Subject Delivery: (learning or teaching Method e.g. lecture, tutorial, seminar, workshop, studio practice, etc)

Lecture, workshop and studio practice.

Subject Description:

Performance Technology 1 is an introduction to Audio, Lighting and Vision Systems for live performance. This course is designed to build the foundation knowledge required to prepare students for the professional roles in live performance. Among other elements students will be introduced to; historical context, equipment types and difference, safe use of equipment, how to operate and maintain equipment, and system design (power and signal distribution through to control equipment). Performance Technology 1 is the first step to a full understanding of the importance of technology in today's modern performance environment. This subject will be delivered via 3 Modules - Module One: Audio Skills; Module Two: Lighting Skills; Module Three: Vision Systems.

Module One:

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This module will introduce the student to Audio in Performance. Students will be introduced to the historical context of Audio, equipment types and difference, safe use of audio equipment, how to operate and maintain audio equipment, and the audio system (power and signal distribution to control equipment).

Module Two:

Module 2 will introduce the student to Lighting in Performance. Students will be introduced to the historical context of lighting, equipment types and difference, safe use of lighting equipment, how to operate and maintain lighting equipment, and the lighting system (power distribution to control equipment).

Module Three:

Module 3 will introduce the student to Vision Systems in Performance. Students will be introduced to the historical context of Vision Systems, equipment types and difference, safe use of vision system equipment, how to operate and maintain equipment, and the vision system (power and signal distribution to control equipment).

Learning Objectives: (major aims of the subject within the context of the course)

Module One:

On completing this subject students will be able to:

- design a basic audio system;
- install a basic audio system;
- recognise different audio equipment;
- operate audio equipment safely.

Module Two:

On completing this subject students will be able to:

- design a basic lighting system;
- install a basic lighting system;
- recognize different lighting equipment;
- operate lighting equipment safely.

Module Three:

On completing this subject students will be able to:

- design a basic vision system;
- install a basic vision system;
- recognise different equipment.
- operate equipment safely.

Generic Skills Statement:

On completing this subject students should be able to:

- work at various levels, both as an individual and as a team member, in a wide variety of visual/performing artistic environments;
- demonstrate an open, independent and inquiring attitude towards contemporary cultural developments and new ideas;
- demonstrate practical skills in respect of critical analysis, problem solving, report writing, team work and oral and written communication;

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- exhibit extensive theoretical and practical knowledge of their discipline including relevant professional knowledge, skills, discipline and ethics as they relate to a practising visual/performing artist.

Assessment: (methods of assessment; proportion of assessment by each method or assignment; attendance requirements if part of assessment; submission dates and how work should be submitted)

Assignment List

Module One: 30%

Audio 1 Research project/essay (equivalent 1000 words) 15% (Due 27/08/2012)
Audio 2 Basic System Install (equivalent 2000 words) 15% (Due 01/10/2012)

Module Two: 30%

Lighting 1 Research project/essay (equivalent 1000 words) 15% (Due 27/08/2012)
Lighting 2 Basic System Install (equivalent 2000 words) 15% (Due 01/10/2012)

Module Three: 30%

Vision 1 Research project/essay (equivalent 1000 words) 15% (Due 27/08/2012)
Vision 2 Basic System Install (equivalent 2000 words) 15% (Due 01/10/2012)

Participation (for all modules) 10% - Class attendance is required for this subject; if you do not attend a minimum of 80% of classes without an approved exemption you will not be eligible for a pass in this subject. Assessment submitted late without an approved extension will be penalised at 10% per day. All assignment work must be submitted and a pass in each module must be achieved for successful completion of this subject.

Contact Details of Coordinator:

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Required equipment:

- Writing equipment including pencil sharpener and rubber
- Adjustable spanners
- Insulated flat head screwdriver
- Insulated star head screwdriver
- Insulated pliers
- Insulated side cutters
- All in one tool i.e. Swiss Army knife, Leatherman or Gerber