



The University of Southern Queensland

Course Specification

Description: Technical Production 3

Subject	Cat-Nbr	Class	Term	Mode	Units	Campus
STM	2013	10947	1, 2002	ONC	1.00	TWMBA

Academic Group:	FOART
Academic Org:	FOA006
HECS Band:	1
ASCED Code:	100103

STAFFING

Examiner: Stafford Mortensen

Moderator: William Dowd

PRE-REQUISITES

Pre-requisite: STM 2012

SYNOPSIS

This course is a continuation of studies in the technical areas of the theatre for those students who wish to pursue a career in the live entertainment industry. It provides advanced study, training and, where possible, practical experience in the duties, procedures and responsibilities of the Head Lighting Technician, Lighting Designer, Sound Designer and Theatre Technician. It includes drama, dance, opera, music theatre, concerts and film and television. Whilst the topics of electricity and safety are covered in this course, it is not intended that advanced electrical theory such as would be studied by an apprentice electrician or electrical engineer are taught.

OBJECTIVES

On successful completion of this course students will:

- demonstrate a detailed knowledge of the duties and practice of a technician (lighting/sound);
- demonstrate advanced skills in assigned areas of a technician (lighting/sound);
- demonstrate a thorough practical understanding and awareness of technical and artistic staff interaction;
- demonstrate an aptitude to work in a professional theatre environment as a Lighting/Sound Technician.
- prepare a design presentation for lighting and/or sound in a theatrical production.

TOPICS

Description	Weighting (%)
1. Electricity and safety (continued)	0.00
2. Audio design considerations	0.00
3. Mixing desk - advanced operation	0.00
4. Technical crew rosters and budgets	0.00
5. Studio recording techniques	0.00
6. Sound and lighting operation for advanced level productions	0.00
7. Lighting design considerations	0.00
8. Documentation - design paperwork and drafting	0.00
9. Equipment maintenance and fault finding	0.00

TEXT and MATERIALS required to be PURCHASED or ACCESSED:

Books can be ordered by fax or telephone. For costs and further details use the 'Book Search' facility at <http://bookshop.usq.edu.au> by entering the author or title of the text.

Davis, G & Jones, R, 1989 *The Sound Reinforcement Handbook*, Hal Leonard Publishing Corporation.

Finelli, P, 1989 *Sound for the Stage*, Drama Book Publishers.

Reid, F, 1992 *The Stage Lighting Handbook*, Pitman, London.

REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

Basford, L *Electricity made Simple*, Heinemann, London.

Freeman, I, 1990 *Physics Made Simple*, Doubleday, New York.

Rosenthal, J *The Magic of Light*, Little & Brown.

Walne, G *Sound for Theatres: A Basic Manual*, John Orford Publication, London.

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Lectures	30
Private Study	35
Project Work	100

ASSESSMENT DETAILS

Description	Marks Out of	Wtg(%)	Required	Due Date
DESIGN ASSIGNMENT	999.00	30.00	Y	04 Mar 2002 (see note 1)
PRODUCTION WORK	999.00	40.00	Y	04 Mar 2002 (see note 2)
EXAMINATION	999.00	30.00	Y	END S1 (see note 3)

NOTES:

1. Further details about the due dates are detailed in the assessment section of the Course Specifications.
2. Further details about the due dates are detailed in the assessment section of the Course Specifications.
3. Further details about the due dates are detailed in the assessment section of the Course Specifications.

OTHER REQUIREMENTS

- 1 In view of the Objectives and the development of skills that they entail, students are strongly advised to attend all classes. Failure to do so may result in an eventual Fail grade as it may prove impossible to complete the assessment tasks central to this course. Depending upon the reasons for inadequate performance of assessment tasks, additional make-up work may be set if students are able to substantiate frequent absences or absences of more than two consecutive classes via a medical certificate.
 - 2 Assessment is continuous.
 - 3 Students must successfully pass ALL assessment items.
 - 4 The final grade will be based on the total for all assessment items and will be assigned in accord with Faculty guidelines.
 - 5 The use of the term 'electrician' to describe a lighting technician is standard performing arts industry practice. The relevant industrial award classifies the positions within a theatre's lighting department as electrical hand, electrician (unqualified), electrician (qualified) and head electrician. The head electrician may be qualified or unqualified. A lighting technician is not permitted to undertake work that should be performed by a licensed electrician.
 - 6 WORKLOAD: Lectures 30 hours; Practical projects/productions 100 hours; Private study 35 hours.
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