



Course specification

Description: Technical Production 3						
Subject	Cat-nbr	Class	Term	Mode	Units	Campus
STM	2013	40752	1, 2005	ONC	1.00	Toowoomba

Academic group:	FOART
Academic org:	FOA006
Student contribution band:	1
ASCED code:	100103

STAFFING

Examiner: Stafford Mortensen

REQUISITES

Pre-requisite: STM2012 and Students must be enrolled in Program: BTHR

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:

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

TOPICS

Description	Weighting (%)
1. Lighting - Historical perspectives	10.00

2.	Sound recording and editing	10.00
3.	Lighting design considerations	10.00
4.	Lighting design - CAD introduction	10.00
5.	Walk through of a large scale lighting system	5.00
6.	Computer operated moving lights	5.00
7.	Lighting design - CAD project	30.00
8.	Live console mixing in a large auditorium	5.00
9.	Large room acoustics	5.00
10.	Audio visual setup and operation including data projection	10.00

TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at <http://bookshop.usq.edu.au> click 'Semester', then enter your 'Course Code' (no spaces).

Davis, G & Jones, R 1989, *The sound reinforcement handbook*, Hal Leonard Publishing, Milwaukee, Wis.

Reid, F 1996, *The stage lighting handbook*, 5th edn, A & C Black, 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 1986, *Electricity made simple*, Heinemann, London.

Freeman, I 1990, *Physics made simple*, Doubleday, New York.

Rosenthal, J 1972, *The magic of light: the craft and career of Jean Rosenthal, pioneer in lighting for the modern stage*, Little & Brown, Boston.

Walne, G 1981, *Sound for theatres: a basic manual*, John Offord Publication, East Sussex.

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Lectures	30.00
Practical Projects or Productions	100.00
Private Study	35.00

ASSESSMENT DETAILS

Description	Marks out of	Wtg(%)	Due date
DESIGN ASSIGNMENT	30.00	30.00	01 Mar 2005
PRODUCTION WORK	30.00	30.00	01 Mar 2005
TEST	40.00	40.00	01 Mar 2005 (see note 1)

NOTES

1. Students will be advised of the test date when the timetable has been finalised.

IMPORTANT ASSESSMENT INFORMATION

- 1 Attendance requirements:
It is the student's responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.
- 2 Requirements for students to complete each assessment item satisfactorily:
To complete each of the assessment items satisfactorily, students must obtain at least 50% of the marks available for each assessment item.
- 3 Penalties for late submission of required work:
If students submit assignments after the due date without prior approval, then a penalty of 10% of the total marks available for the assignment will apply for each of the first FIVE working days late, after which a zero mark will be given.
- 4 Requirements for student to be awarded a passing grade in the course:
To be assured of a passing grade, students must demonstrate, via the summative assessment items, that they have achieved the required minimum standards in relation to the objectives of the course by: (i) satisfactorily completing the examination and assignments; and (ii) obtaining at least 50% of the total weighted marks for all summative assessment items.
- 5 Method used to combine assessment results to attain final grade:
The final grades for students will be assigned on the basis of the weighted aggregate of the marks (or grades) obtained for each of the summative assessment items in the course.
- 6 Examination information:
The exam for this course is a CLOSED EXAMINATION, and candidates are allowed to bring only writing and drawing instruments into the examination.
- 7 Examination period when Deferred/Supplementary examinations will be held:
Any deferred or supplementary examinations for this course will be held during the next examination period.
- 8 University Regulations:
Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL <http://www.usq.edu.au/corporateservices/calendar/part5.htm> or in the current USQ Handbook.

ASSESSMENT NOTES

- 9 Assessment is continuous.
- 10 (a) The due date for an assignment is the date by which a student must lodge the assignment at the USQ. (b) Students must retain a copy of each item submitted for assessment. This must be produced within five days if required by the Examiner. (c) In accordance with University's Assignment Extension Policy (Regulation 5.6.1), the examiner of a course may grant an extension of the due date of an assignment in extenuating circumstances such as documented ill-health. (d) Students who have undertaken all of the required assessments in the course but who have failed to meet some of the specified objectives of the course within the normally prescribed time may be awarded the temporary grade: IM Incomplete-Makeup). An IM grade will only be awarded when, in the opinion of the examiner, a student will be able to achieve the remaining objectives of the course after a period of non-directed personal study. (e) Students who, for medical, family/personal, or employment-related reasons, are unable to complete an assignment or sit for an examination at the scheduled time, may apply to defer an assessment in the course. Such a request must be accompanied by appropriate supporting documentation. One of the following temporary grades may be awarded: IDS (Incomplete - Deferred Examination; IDM (Incomplete Deferred Make-up); IDB (Incomplete - Both Deferred Examination and Deferred Make-up).

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 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.
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