



The University of Southern Queensland

## Course specification

This version produced 5 Mar 2008.

The current and official versions of the course specifications are available on the web at  
<<http://www.usq.edu.au/coursespecification/current>>.

Please consult the web for updates that may occur during the year.

### Description: Technical Production 3

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
STM	2013	62579	1, 2007	ONC	1.00	Toowoomba

<b>Academic group:</b>	FOART
<b>Academic org:</b>	FOA005
<b>Student contribution band:</b>	1
<b>ASCED code:</b>	100103

### STAFFING

Moderator: Scott Alderdice

### 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 2001, *The stage lighting handbook*, 6th 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.

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
PRODUCTION WORK	30.00	30.00	05 Mar 2007 (see note 1)
TEST	40.00	40.00	05 Mar 2007 (see note 2)
DESIGN ASSIGNMENT	30.00	30.00	28 May 2007 (see note 3)

### NOTES

1. This assessment is aligned with Objectives 2, 3 and 4.
2. Students will be advised of the test date when the timetable has been finalised. This assessment is aligned with Objective 1.
3. This assignment is aligned with Objectives 2 and 5.

## 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 successfully complete an individual assessment item, a student must achieve at least 50% of the marks or a grade of at least C-. This statement must be read in conjunction with Statement 4 below.
- 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 receiving a passing grade, a student must achieve at least 50% of the total weighted marks available for the course.
- 5 Method used to combine assessment results to attain final grade:  
The final grades for students will be assigned on the basis of the aggregate of the weighted marks 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>

## 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) All Faculty of Arts assignments must be lodged in the Faculty Assessment Centre on the Ground Floor of Q Block no later than 12 noon on the due date. (c) In the event that a due date for an assignment falls on a local public holiday in their area, such as a Show holiday, the due date for the assignment will be the next day. Students are to note on the assignment cover the date of the public holiday for the examiner's convenience. (d). Students must retain a copy of each item submitted for assessment. This must be despatched to USQ within 24 hours if requested by the Examiner. (e) 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. (f) 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. (g) 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).
- 11 Students are strongly advised to maintain regular contact with their supervisor.

## 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.
-