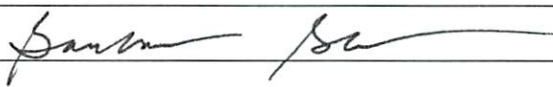
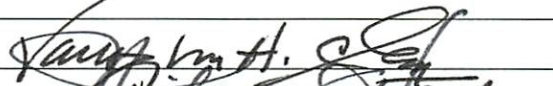
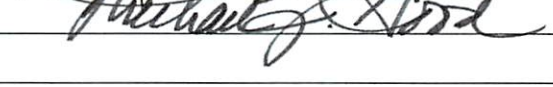
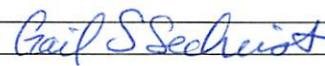


LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
		02-676	App-4/3/03	App-4/29/03

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person Brian Jones	Email Address brjones@iup.edu
Proposing Department/Unit Theater and Dance	Phone 7-2969

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply) ☐ New Course ☐ Course Prefix Change ☐ Course Deletion ☒ Course Revision ☐ Course Number and/or Title Change ☒ Catalog Description Change		
THTR 321 Stage Lighting Design		
<u>Current Course prefix, number and full title</u>		<u>Proposed course prefix, number and full title, if changing</u>
2. Additional Course Designations: check if appropriate Course. ☐ This course is also proposed as a Liberal Studies ☐ Other: (e.g., Women's Course. ☐ This course is also proposed as an Honors College Pan-African)		
3. Program Proposals ☐ New Degree Program ☐ Catalog Description Change ☐ Program Revision ☐ New Minor Program ☐ Program Title Change ☐ Other ☐ New Track		
<u>Current program name</u>		<u>Proposed program name, if changing</u>
4. Approvals		
Department Curriculum Committee Chair(s)		Date 12-5-02
Department Chair(s)		Date 12-5-02
College Curriculum Committee Chair		Date 2/4/03
College Dean		Date 2/6/03
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs		Date 4-3-03

* where applicable

FEB 14 2003

82.

Part II: THTR 321 Course Revision Description of the Curriculum Change
Section 1: Syllabus of Record

I. CATALOG DESCRIPTION

THTR 321: Stage Lighting Design (3 credits)

3 lecture hours

0 lab hours

(3-01-3sh)

Prerequisites: THTR 116 or permission

An introductory course in stage lighting that applies the fundamental principles of theatrical design. Stage lighting topics include an overview of current lighting methods and equipment, the controllable properties and functions of stage lighting, learning to see light, a creative approach to stage lighting, and design graphics. Practical applications are emphasized through a series of class exercises.

II. COURSE OBJECTIVES:

By the end of this course students will be able to:

- See light and analyze it
- Score a script
- Form lighting concepts in the context of a play, and express them
- Draw up a graphic shorthand for their design ideas
- Create a lighting plot which will allow them to realize their creative vision
- Write a cue synopsis for a script
- Converse about the controllable properties of light and its functions

III. DETAILED COURSE OUTLINE: (note each week of instruction typically includes lectured material, guided in class exercises, and student critiques of their presentations)

AN OVERVIEW OF METHODS AND EQUIPMENT

(4 weeks)

LIGHT ON THE SUBJECT

A brief history of the lineage of theatrical lighting design

REVIEW OF CONCEPTS FROM THTR 116 "FUNDAMENTALS"

Controllable properties of light--Function of Light

SOME BASICS OF LIGHT

Reflection, refraction and diffusion--Color and Light--Inverse Square Law--
Candlepower.

TYPES OF LIGHTING INSTRUMENTS

Qualities of light--beam spread charts

BASIC DESIGN TERMINOLOGY

McCandless--areas, 2, 3 and 4 point

DESIGNING IN TIME: WRITING SIMPLE CUES

Changing the distribution of light

LEARNING TO SEE LIGHT

(3 weeks)

A SHORTHAND FOR VARIABLES

Symbolic representation of the angle, color and control of light

LIGHTING ANALYSIS

Describing the light in the world around us--recreating lighting looks onstage

AN APPROACH TO DESIGNING STAGE LIGHTING

(3 weeks)

CREATING THE LIGHTING SCORE/SCRIPT ANALYSIS

The nature of human creativity--finding a metaphor or other creative device--
introduction to scoring lighting from moment to moment

CREATING THE LIGHTING KEY

Symbolic shorthand--synthesis of the lighting score into a lighting plan--
considerations for dance

CUE SYNOPSIS

Application of the lighting plan to the moments of the play

DESIGN GRAPHICS

(4 weeks)

PLOTTING THE DESIGN/DRAFTING FOR LIGHTING DESIGN

Review of plan view--lighting sectionals--laying in the set and lighting positions--
plotting the instruments from the key--MacLux tutorial--final plots

DATABASE MANAGEMENT/THE PAPERWORK OF LIGHTING DESIGN

Instrument schedules--hanging schedules--color lists--hookup schedules

CUE SYNOPSIS

Sharing the cues with the director and stage management

IV. EVALUATION METHODS

a. Participation (10%)

A critique of student projects by other students in the class is a fundamental teaching and learning method of the course. Students must articulate their own creative ideas, and their reactions to the ideas of others, in order to develop at the appropriate cognitive level. The instructor will qualitatively and quantitatively record evaluation of participation during critique sessions.

b. Course Projects (80%)

Stage lighting is a visual medium best learned by guided activity and reflection. Students will complete a series of related projects, each of which builds upon the previous projects. Evaluation will be made against specific criteria given for each project.

Students will be evaluated on their ability to:

- Complete an analysis of lighting found in photographic media
- Score a script
- Form and present a conceptual framework for lighting a play
- Shorthand their vision for a lighting plot in a "magic sheet."
- Create a lighting plot and attendant paperwork

- Employ computer graphics and database management for stage lighting
- Write a cue synopsis for a script

c. Final Presentation (10%)

A comprehensive understanding of the stage lighting design process will be demonstrated through a student's presentation of a portfolio of their work over the semester with particular emphasis on the connections between projects and growth of learning.

The FINAL GRADE will be determined through an average of grades given over the semester weighted by the percentages indicated above.

V. REQUIRED TEXTBOOKS:

Essig, Linda. *Stage Lighting and the Design Idea*. 1997
 Hays, David. *Light On The Subject*. Seagull Books 1989
 Scripts of the instructor's choice for project work

VI. SPECIAL RESOURCE REQUIREMENTS:

1/4" Lighting Templates (plan and section)
 3.5" computer floppy disks
 Architect's Scale Rule
 White Conte Sticks
 .5 and .7 mm mechanical pencils
 Black Charcoal Paper in 18X24 sheets
 Drafting vellum in 18"X24" sheets

VII. BIBLIOGRAPHY:

Essig, Linda. *Lighting and the Design Idea*, Harcourt Brace, 1997.
 Hays, David. *Light On The Subject*, 1989.
 Warfel, William. *Stage Lighting Graphics*, 1993.
 Gillette, J. Michael. *Designing With Light*. Mayfield. 1993.
 Palmer, Richard. *The Lighting Art.*, McGraw Hill, 1994.
 Park, David. *The Fire Within the Eye*. Princeton Univ. Press. 1997.
Lighting Dimensions Magazine.
Theater Design and Technology

Section 2. Summary of Proposed Revision

This revision:

- a) Changes prerequisites from THTR 221 Basic Stage Lighting and THTR 120 Stagecraft to THTR 116 Fundamentals of Theatrical Design
- b) Adds a method of design to the course topics
- c) More clearly specifies the objectives of the course
- d) Reflects changes in the theatrical lighting field over the past decade

Section 3. Justification/Rationale for the revision

THTR 321, Stage Lighting was last submitted to the UWUCC in 1985 as a new course. In 1995 the Theater Department created a new course, THTR 116 Fundamentals of Theatrical Design, at the suggestion of our accrediting agency--National Association of Schools of Theatre. The purpose of THTR 116 is to provide an introductory overview of theatrical design required for all majors. The purpose of this course, THTR 321, is now to build upon the fundamentals learned in THTR 116 by teaching a method for lighting the stage. While there has been some curricular drift since 1985 with this course the most pertinent justification for revision is to change the prerequisite for the course commensurate with its current place in the conceptual scheme of department's curriculum.

Section 4. Old Syllabus of Record

From 1985 – attached.

NEW COURSE PROPOSAL

DEPARTMENT: Theater

CONTACT PERSON: Barbara Blackledge

COURSES AFFECTED:

Add TH 321 Lighting Design

DESIRED EFFECTIVE SEMESTER FOR CHANGE: Fall 1986

APPROVALS: Department Committee Chair

Department Chairperson

School Committee Chair

School Dean

Barbara Blackledge
Barbara Blackledge
W. W. W.
W. W. W.

BODY OF PROPOSAL

A. DESCRIPTION AND ACADEMIC NEEDS

A1. TH 321 Lighting Design

3c-3sh

Prerequisite: TH 221

Covers the design and execution of stage lighting with emphasis on script analysis, the collaborative role of the lighting designer, lighting theory and modern stage lighting practices. Practical applications include the conceptualization and designing of production lighting for Proscenium, Thrust, and Arena stages through class exercises.

A2. The course objectives are to help the student achieve competency in designing lighting for a variety of production applications and become a better collaborative artist within the production team. This will be achieved by developing his/her skills in communications, script analysis, the formation of a concept, the choice of an appropriate style, and the actual design and execution of lighting for theatrical production. These objectives will be achieved through a series of lectures and projects which challenge the student with actual design situations.

A3. Good lighting design is dependent on the communication, analytical, conceptual and technical skills of the collaborating artist. This course provides those skills and is designed to prepare students for future assignments as lighting designers in many theaters and theater related areas. The course is designed primarily for theater majors, and also serves the needs of communications majors, interior design and other related fields. This course is not designed for General Education.

A4. This course is one of two courses replacing TH 221 Stage Lighting. The material formerly offered in TH 221 is being divided between TH 221 Basic Lighting and TH 321 Lighting Design to give the

86A

students a more thorough understanding of the vast amount of subject matter covered in the original course. All other courses within the program will remain unaffected by this change.

- A5. This course follows the traditional methods of teaching Stage Lighting. A previous theater department course. (TH 221 - Stage Lighting) covered all the basic areas in Stage Lighting and Design, but, in reality, we found it impossible to cover all these areas of study adequately during a single semester. By dividing the previous course into two parts, one for basic lighting and one for lighting design, we make it possible to address each of the areas, more fully and systematically. This course, building on the principles and theories learned in Basic Lighting TH 221, develops the student's abilities as a lighting designer by acquainting him/her with design analysis, conceptualization, style, design and design execution.

In conclusion, the revision allows us to offer the content of the previous course in a traditional way, but to do so more systematically and with a higher quality of instruction.

- A6. See A5.
- A7. This is not a dual level course.
- A8. All area Theater Departments have similar class offerings including:
CMU - Light Design I
Penn State - Stage Lighting Design
University of Pittsburgh - Lighting Design II
W. Va. University - Theater Lighting Design
- A9. The skills and content of this course are recommended by: The United States Institute for Theater Technology, the University/College Theater Association (American Theater Association), and The National Association for Schools of Theater. (See attachment.)

B. INTERDISCIPLINARY IMPLICATIONS

- B1. One Instructor
- B2. There are no additional or corollary courses required with this course.
- B3. No other department teaches a similar course.
- B4. No.

C. EVALUATION

- C1. Evaluation will be through extensive class projects.
- C2. This course is not designed for variable credit.

D. IMPLEMENTATION

D1a We currently have Faculty to teach this course.

D1b To say that present facilities are adequate is not quite accurate. Since its formation as a department and move into Waller Hall in 1977, the Theater Department has been awaiting funding for a renovation of the facility to provide adequate instructional, rehearsal, shop and performance space and related equipment. Funding for equipment has made it possible to approach a level of adequacy, while funding for space has been less than satisfactory. Some projects to enhance space have been, in modest measure, forthcoming. Though the space is still in a primitive state of development, the addition of the handicapped access entry simultaneously brought us into conformity with fire laws, thus making it possible to use the former gym space as a performance area. Nonetheless, the theater also remains a primitive space.

The substance of the answer to this question, therefore, is that this proposed revision makes no more demand for facilities and equipment than did the previous sequence of technical theater courses. Until such time that funding makes possible a more adequate facility, we are doing our best with what we have. The situation will be no better or worse as a result of this revision of technical courses since this proposal entails no additional requirements.

D1c Not applicable.

D1d Adequate

D1e Not applicable

D2. This course is designed to be offered every three to four semesters.

D3. One Section

D4. Due to extensive projects and the need for individualized attention, a limit of 10 to 15 students must be placed on the course.

E. MISCELLANEOUS

See the attached Curriculum Revision Summary to ascertain the importance of this course within the new theatre curriculum.

COURSE SYLLABUS: December 9, 1985
SUBMITTED BY: Mark Zetterberg
DEPARTMENT: Theatre

I. TH 321 Lighting Design

3c-3sh

- II. Covers the design and execution of Stage Lighting with emphasis on script analysis, the collaborative role of the lighting designer, lighting theory and modern stage lighting practices. Practical applications include the conceptualization and designing of production lighting for proscenium, thrust and arena stages through class exercises.
- III. The course objectives are to help the student achieve competency in designing lighting for a variety of production applications and become a better collaborative artist within the production team.

IV. COURSE OUTLINE

- Week #1 - Orientation of course, role of the lighting designer and script analysis
- Week #2 - Lighting history and light plot drafting
- Week #3 - Lighting instruments & positioning
- Week #4 - Color theory
- Week #5 - Orchestration of light
- Week #6 - Working as the master electrician and psychophysical audience manipulation
- Week #7 - Tech rehearsals and movement of light
- Week #8 - Midterm project's critiques
- Week #9 - Spring Break
- Week #10 - Design Practical Exams
- Week #11 - Dance lighting and styles of Lighting
- Week #12 - Dance plot critiques and dealing with production limitations
- Week #13 - Proscenium light plot critiques and working space and form in lighting
- Week #14 - Dimmers and the upkeep and maintenance of lighting equipment
- Week #15 - Lighting control
- Week #16 - Final project's critiques

V. Course Schedule

- T - Class Orientation - Assign postcard light plot and history paper
- TH - Role of the Lighting Designer

- T - Script Analysis & Concept Statements
- TH - * Lighting history and design development
7 history papers & postcard art due

- T - Drafting light plots - Assign postcard light project
- TH - Lighting instruments & their uses

- T - Lighting angles and positioning

- TH - * Postcard design critiques
- T - Color theory and the audience response to color
- TH - Setting cues (writing cue sheets & cue synopsis)
- T - Space & form - Assign arena design project
- TH - Working as the master electrician (safety & problems)
- T - Psychophysical audience manipulation
- TH - Tech rehearsals & setting cues
- T - Orchestration & movement of light
- TH - * Critiques on IUP show # 3 due
Discussion & Critique
- T - * Arena design plots due for class critique
- TH - Design practical exams - Day 1
- T - Design practical exams - Day 2
- TH - Dance lighting - Assign dance plot
- T - Styles of lighting production
- TH - * Dance plots due for class critiques - assign opera plot
- T - Production limitations - dealing with other production elements
- TH - Space & form in lighting
- T - * Opera plots due for class critiques - assign final project
- TH - Dimmers & patching
- T - Maintenance of lighting equipment & accessories
- TH - Lighting control
- Exam Period - * Final Project Critiques & * critiques in Final IUP Show

- VI. Course objectives will be achieved through a series of lectures and projects which challenge the student with actual design situations.
- VII. Text: The Lighting Art by Richard Palmer
- VIII. Other readings will vary depending on scripts utilized for design projects during the semester.
- IX. Student evaluation will be through extensive class projects.
- X. A five page research paper will be required of all students enrolled in the course.
- XI. Design projects will include at least one realized design.
- XII. None.