## Course Number and Title

THRT 2133
Stage Lighting

## CRN

CRN 10688

## Term / Year

Fall 2014

## Time and Location

M-W-F 12:00 pm to 12:50 pm
Mitchell Hall Theatre, Multipurpose Room 6A

### Instructor

**Name:** Angela Hawthorne, Professor  
**Phone:** Office 974-2546: Theatre Office 974-5511  
**Email:** amarks@uco.edu  
**Office Hours:** Tuesday - Fri from 9:00 am to 10:00 am or by appointment or email. If you don’t know location of my office, ask and we will walk over. Since my office is through the Scene Shop, proper foot-wear is required.

### Catalog Description

This course is designed to introduce the student to the theory and practice of stage lighting. Specific concepts include: light, stage lighting equipment, terminology, control systems, basic electrical theory, color theory, basic organizational paperwork, and the practice of effective lighting design.

### Prerequisites

None

### Course Objectives

At the University of Central Oklahoma, we are guided by the mission of helping students learn by providing transformative experiences so that they may become productive, creative, ethical and engaged citizens and leaders contributing to the intellectual, cultural, economic and social advancement of the communities they serve. Transformative learning is a holistic process that places students at the center of their own active and reflective learning experiences. A student’s major field is central to the learning experience and is a vital part of the “Central Six.”

All students will be transformed with **Discipline Knowledge**, **Leadership**, **Problem Solving (Research, Scholarly and Creative Activities)**, **Service Learning and Civic Engagement**, **Global and Cultural Competencies**, and **Health and Wellness**.

Upon completion of the Introduction to Stage Lighting course, the student will be able to:

- Demonstrate skills in critical thinking  
  *Central Six*-#2
- Recognize and express the terminology related to theatre and stage lighting  
  *Central Six*-#1
- Illustrate light sources in classwork assignments  
  *Central Six*-#1
- Identify and operate different lighting instruments and equipment  
  *Central Six*-#1
- Demonstrate familiarity with electrical practice and theory  
  *Central Six*-#1
- Discuss and employ the characteristics of the design process  
  *Central Six*-#1
- Formulate and organize paperwork included with the design of a light plot  
  *Central Six*-#1
- Comprehend and demonstrate competency in using time management, writing and life skills  
  *Central Six*-#6
Wellness

Most importantly, the student will be able to improve their ability to participate and communicate effectively and professionally in a technical theatre work environment.

Competency of these objectives will be based upon successful completion of all assignments and by scoring 80% on tests and projects.

Course Outline:

This course is divided into two main sections. Due to the nature of this course, certain items in the first section will be repeated in applied practice in the second section.

The First Section is devoted to the process of design
- The characteristics of light, the controllable qualities and the functions of stage lighting, color
- The design process, background and conceptual research
- Practical and initial steps of designing in a new space
- The analysis of the image of light
- The creation of the lighting key
- Drafting the lighting design, instrument schedules, magic sheets, and light plot

The Second Section is devoted to the technical elements of design. It will cover:
- The characteristics of light, the controllable qualities and the functions of stage lighting and color
- The lighting production team
- Electrical theory and practice, lighting instruments, cables and connectors
- Intensity control, practicals and effects

Required Text(s) and Supplies

Textbook: Designing with Light, Fifth Edition or more current by J. Michael Gillette

Supplies:
- 3 Ring Binder and organizational supplies for Design Project
- Notebook for class projects, blank unlined paper
- Full black attire if you are crewing a show
- Close-toed and sturdy working shoes
- Access to a computer, printer and the Internet

Suggested Reading and Resources

Suggested Reading: Lighting and the Design Idea by Linda Essig
A Practical Guide to Lighting the Stage by Steven Louis Shelley
The ABC of Stage Lighting by Francis Reid
Handbook of Scenery, Properties, and Lighting Volume 2 by Harvey Sweet
Light Fantastic, The Art and Design of Stage Lighting by Max Keller

Suggested Subscriptions:
American Theatre published by Theatre Communications Group
Theatre Design and Technology published by USITT
Live Design (Free Subscription)
Lighting & Sound America (Free Subscription)
PLSN (Free Subscription)
Stage Directions (Free Subscription)

Suggested Online Resources: Just a few of the many that are out there
The Light Network http://www.lightnetwork.com/
United States Institute of Theatre Technology http://www.usitt.org/
Artslynx http://www.artslynx.org/

Technology Statement: Stage lighting is the study of those theatrical lighting fundamentals. Students will be exposed to the tools and technology that are used on a daily basis in an electrics shop. The use of digital technology is used in this course as a means of delivering course content through PowerPoint presentations and projecting
<table>
<thead>
<tr>
<th><strong>Grading Policies</strong></th>
<th>digital images as reference material.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong></td>
<td><strong>There will be SIX EXAMS</strong> on the scheduled dates covering the material identified. The amount of information included in each chapter necessitates frequent testing. (20%)</td>
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<tr>
<td><strong>2.</strong></td>
<td><strong>MAKE-UP EXAMS:</strong> There will be only one day assigned at the end of the semester where the student has the opportunity to make up and/or re-take any exams. For each makeup and re-take test, 10 pts will be automatically deducted.</td>
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<tr>
<td><strong>3.</strong></td>
<td>There will be <strong>TWO REVIEWS</strong> of the three PAC productions on the Mitchell Hall stage. Reviews will only be accepted in computer generated form. Please read attached handouts for correct formatting and grade scale. <strong>The subject matter of the reviews will pertain to the lighting of the shows.</strong> This means, do not spend one page describing the synopsis, the program, etc. There will be a guideline of questions distributed to the class. Reviews can be turned in any time before the Friday after strike, but no later. Reviews will be specific to this class, therefore, you cannot turn in one review for multiple classes. Points will be deducted if the criteria are not met. Students participating in Plagiarism will automatically fail the course. (15%)</td>
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<tr>
<td><strong>4.</strong></td>
<td>You will be assigned a <strong>DESIGN/TECHNICAL PROJECT</strong> to be completed by the assigned deadlines and presented and discussed with the class. Projects will include a concept statement, research, image of light, lighting key, instrument schedule, technical specifications and a rough light plot. Five points will be deducted for each of these due dates not met. Other deductions and parameters will be announced in class and in handouts when we discuss the project. Grading of these projects is partially described on the top of page five on the syllabus. Students participating in Plagiarism will automatically fail the course. Design Projects will be discussed in necessary detail during class. (20%)</td>
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<td><strong>5.</strong></td>
<td><strong>CREWING:</strong> No experience is required for crewing shows, just an understanding of the appropriate technical terms. <strong>NOTE!!! Requirements are usually from the Sunday before opening until the Sunday of Strike.</strong> Depending on the production, this is subject to change so please check your email for updated schedules and times. <strong>NOTE!!!</strong> Wear clothes that can get dirty and appropriate footwear, (solid rubber soles and close toed shoes). If you arrive for Crew in inappropriate clothing, you will not be allowed to work and will be sent home. (15% for Crewing)</td>
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<tr>
<td><strong>6.</strong></td>
<td><strong>CLASS PROJECTS:</strong> Students will complete five class projects throughout the semester. The purpose is to strengthen and support topics discussed in class. Projects missed are not able to be made up. (10%)</td>
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<td><strong>7.</strong></td>
<td><strong>PARTICIPATION:</strong> For each class the student should be prepared to offer their viewpoints and perspectives on the topics presented in a helpful and constructive manner. Chapter Outline, Key Terms with Definitions, Notes from class will be typed and compiled, and additional assignments as they pertain to class participation and subject material will be turned in for</td>
</tr>
</tbody>
</table>
evaluation. (20%)
Incorrect type size -5
Incorrect margins -5
Paper not stapled or not organized -10
Each spelling mistake -2
Each grammar mistake -2
Each syntax error -2
Each confusing or -4
Repetitive sentence structure -4
For lighting paperwork errors -2
Not labeled or titled -10

Review papers will be at least two pages long. The length considered will pertain to the subject of lighting. Subjects covering other areas will not be counted. Points will be deducted on a percentage of the length of the paper. If the paper is a one and one half page long, 25 points will be deducted. Less than one and one half papers will not be accepted.

Design Project paper will contain at least four pages.

Missing each of the deadlines will result in a deduction of five points per deadline from each project.

Late Work not already discussed if accepted will be subject to a five point grade deduction for each class period that the assignment is not turned in.

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**Theatre Arts Attendance Policy:** Students missing a total of 2 weeks of classes, 6 class periods will automatically receive a grade of “F” in the course. School activities, illness and family emergencies are all part of the allowed absences.

Unique, individual situations may receive consideration by the instructor but the automatic “F” for absences may not be excused without the permission of the chair of the department and the agreement of the instructor.

Three instances of tardy (ten minutes late) will equal one absence. Leaving class early, reading inappropriate material and/or disruptive decorum of any kind compromising the integrity of the learning experience will be considered an absence at the instructor’s discretion.

**Students who are text messaging or disruptive during the class will be counted as absent.**

Cell phones are to be silenced during class. You may keep the cell phone on the desk to check time, Central Alert or weather reports, etc. or to take an emergency call out of the room. Students who are text messaging during the class will be counted as absent.

**Note:** All Design/Tech students are required to attend and participate in a “Portfolio Display” each year they are enrolled in Theatre, Design/Tech. The date and time will be announced.

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**Professionalism**

UCO Theatre Arts students are asked to foster a high standard of professional and courteous behavior. This is applicable to the work submitted for class and to student’s self conduct in a learning environment. The goal is to support a genuine collaborative environment and establish positive working relationships. Poor quality of work, disruptive or disrespectful decorum, or any activity deemed detrimental to the success of the endeavor at hand, will constitute grounds for failure or dismissal at the discretion of the Professor.

[Link to UCO Code of Conduct](http://www.uco.edu/student-affairs/conduct/files/codeofconduct.pdf)
### WEATHER RELATED INFORMATION

Students, faculty, and staff may call the UCO Closing Line at *(405) 974-2002* or check the UCO Home Page at [www.uco.edu](http://www.uco.edu). You may also check with local media. On occasion, classes have to be canceled or starting times delayed. When daytime classes are canceled or a late starting time is announced, local media are called by 6:30 a.m. If evening classes are canceled, calls to the media are made beginning at 4:00 p.m., in time for the 5 o’clock news.

### EMERGENCIES DURING FINALS STATEMENT

If a university emergency occurs that prevents the administration of a final examination, the student’s final course grade will be calculated based on the work in the course completed to that point in time and the faculty member’s considered judgment. Final exams will not be rescheduled, and a grade of “I” will not be given as a result of the missed exam.

### ACADEMIC INTEGRITY STATEMENT

Each student is expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Academic dishonesty includes, but is not confined to: plagiarizing; cheating on tests or examinations; turning in counterfeit reports, tests, and papers; stealing tests or other academic material; knowingly falsifying academic records or documents of the institution; accessing a student’s confidential academic records without authorization; disclosing confidential academic information without authorization; and, turning in the same work to more than one class without informing the instructors involved. Any student found responsible of academic dishonesty will be subject to disciplinary action. To help ensure academic integrity, faculty may employ a variety of tools, including, but not limited to, university-sanctioned [Turnitin.com](http://www.turnitin.com). More information concerning this policy can be found on page four of the UCO Student Code of Conduct located at: [http://www.uco.edu/conduct/code.html](http://www.uco.edu/conduct/code.html).

### ADA Statement regarding special accommodations:

“The University of Central Oklahoma complies with Section 504 of the Rehabilitation Act of 1973 and the American with Disabilities Act of 1990. Students with disabilities who need special accommodations must make their requests by contacting Disability Support Services, at *(405) 974-2516*. The DSS Office is located in the Nigh University Center, Room 309. Students should also notify the instructor of special accommodation needs by the end of the first week of class.”

### INCOMPLETES:

The grade “I” may only be given for work not completed *because of circumstances beyond the student’s control* and in which further class attendance is not required. The student must have satisfactorily completed a substantial portion of the required course work for the semester. An “I” may only be changed to a letter grade by the instructor when work has been successfully completed outside the classroom and no longer than one year after the “I” was assigned as determined by the instructor. An “I” is not given simply because a student wants extra time to complete assignments or wants to earn a higher grade. A formal written agreement must be signed by the instructor and the student and filed in the department/school office, clearly identifying what work is to be completed and the timeline within which the work is to be completed.

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**University Policies**

[http://www.uco.edu/academic-affairs/faculty-staff/syllabus.asp](http://www.uco.edu/academic-affairs/faculty-staff/syllabus.asp)
The instructor reserves the right to alter the syllabus and/or class schedule to better meet the needs of the class.

**STAGE LIGHTING: FALL 2014 SCHEDULE**

(Breakdown of classes is as follows)

**Bold=Due • Regular=In class work/discussion • Italics=Student’s homework**

### WEEK 1

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>M-18</td>
<td><strong>#1</strong> Introductions! Tour, Assign Project #1 • Complete Project #1 (Syllabus). Read Handout Safety and Etiquette</td>
</tr>
<tr>
<td>W-20</td>
<td><strong>#2</strong> Turn in Project #1 • Discuss D/T Project and Theatre Safety and Etiquette. • Read Chapter 1</td>
</tr>
<tr>
<td>F-22</td>
<td><strong>#3</strong> Discuss Chapter 1. In-class work on Project #2 (Dissection) • Complete Project #2, Read Chapter 2</td>
</tr>
</tbody>
</table>

### WEEK 2

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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>M-25</td>
<td><strong>#4</strong> Turn in Project #2 • Discuss questions about Project #2. Discuss Chapter 2. Create study guide for Test #1.</td>
</tr>
<tr>
<td>W-27</td>
<td><strong>#5</strong> Create questions, study guide and review for Test #1 • Review for Test #1</td>
</tr>
<tr>
<td>F-29</td>
<td><strong>#6</strong> Test #1 • Read Chapter 11. Select title and two moments.</td>
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</tbody>
</table>

### WEEK 3

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>M-1</td>
<td>Labor Day, No Class</td>
</tr>
<tr>
<td>W-3</td>
<td><strong>#7</strong> Turn in Title of Piece/Play and two moments • Return Test #1. Discuss results. Complete Self-Assessment. Discuss results of Self-Assessment. Discuss Chapter 11. Read Chapter 12 and 13</td>
</tr>
<tr>
<td>F-5</td>
<td><strong>#8</strong> Discuss Chapter 12 and 13. Create Lighting Keys in Class Project #3 (Lighting Keys). Complete Project #3 (Lighting Keys)</td>
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### WEEK 4

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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>M-8</td>
<td><strong>#9</strong> Turn in Project #3 • Discuss Project #3. Discuss Reviews for Productions. Discuss Research. Begin Research.</td>
</tr>
<tr>
<td>W-10</td>
<td><strong>#10</strong> Turn in Research • Discuss Research in class in groups. Analysis research in class. Show progress end of class. Use notes from class to refine research, research needs labeled.</td>
</tr>
<tr>
<td>F-12</td>
<td><strong>#11</strong> Turn in Finalized research with labels and analysis • Look over lighting fixture types.</td>
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</tbody>
</table>

### WEEK 5

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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>M-15</td>
<td><strong>#12</strong> Discuss different types of lighting fixtures. Create outline for names and characteristics of fixtures. Complete outline and key terms for fixture types.</td>
</tr>
<tr>
<td>W-17</td>
<td><strong>#13</strong> Turn in outline and key terms of fixture types • Continue discussion on fixture types • Continue outline and key terms of fixture types.</td>
</tr>
<tr>
<td>F-19</td>
<td><strong>#14</strong> Turn in outline and key terms of fixture types • Read Chapter 8</td>
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### WEEK 6

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<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>M-22</td>
<td><strong>#15</strong> Discuss Color. Create outline and key terms for Color. Complete outline and key terms for Chapter 8</td>
</tr>
<tr>
<td>W-24</td>
<td><strong>#16</strong> Turn in outline and key terms of Chapter 8 • Continue discussion of color. Create outline and key terms of Chapter 8. Complete outline and key terms for Chapter 8.</td>
</tr>
</tbody>
</table>
### WEEK 7

**Production week for A Chorus Line, opens 29th.**

- **M-29**  
  - #18 Test #2 • No homework!

- **W-1**  
  - #19 Return Test #2. Hand out ppw. Discuss ppw in Class • Students make copies of ppw, begin light plot

- **F-3**  
  - #20 Turn in copies • Turn in progress on Light plot. Discuss questions. Specific list of revisions will be generated in class • Complete list of revisions.

### WEEK 8

- **M-6**  
  - #21 Turn in Review of Chorus Line, Turn in progress on Light plot • Specific list of revisions will be generated in class. • Complete list of revisions and begin draft of paper.

- **W-8**  
  - #22 Turn in progress on Light plot • Specific list of revisions will be generated in class • Complete list of revision. Continue work on paper.

- **F-10**  
  - #23 Turn in Final draft of paper

### WEEK 9

- **M-13**  
  - #24 Turn in completed Ltg D/T project • Review notes to use work for presentation piece. • Complete notes discuss in class.

- **W-15**  
  - #25 Turn in finalized binder of compiled Ltg D/T project • Discuss Progress completed thus far. Complete Self Assessment. Enjoy your Fall Break!!!

- **F-17**  
  - FALL BREAK

### WEEK 10

**Load in week for Woyzeck**

- **M-20**  
  - #26 Turn in your Self Assessment • Discuss Assessment, Possibly Chapter 3 • Read Chapter 3

- **W-22**  
  - #27 Discuss Safety and Electricity. Project #4 in class • Create outline and key terms for Chapter 3

- **F-24**  
  - #28 Turn in Outline and key terms for Chapter 3 • Continue Project #5 in class. Discuss Electricity. Create questions and study guide for Test #3 • Review for Test #3

### WEEK 11

**Production week for Woyzeck, opens 30th.**

- **M-27**  
  - #29 Test #3

- **W-29**  
  - #30 Return Test #3. Discuss results. Complete Self-Assessment. Discuss results of Self-Assessment • Read Chapter 4

- **F-31**  
  - #31 Discuss Chapter 4. Lighting Demonstrations. Review and update outline and key terms • Complete outline and key terms for Chapter 4

### WEEK 12

- **M-3**  
  - #32 Turn in Review Woyzech, Turn in outline and key terms for Chapter 4 • Create questions and study guide for Chapter 4 • Review for Test #4

- **W-5**  
  - #33 Turn in outline and key terms for Chapter 4 • Create questions and study guide for Chapter 4 • Review for Test #4

- **F-7**  
  - #34 Test #4 • Review for KD Due • Read Chapter 5

### WEEK 13

**Load in week for KD**

- **M-10**  
  - #35 Return Test #4. Discuss results. Complete Self-Assessment. Discuss results
<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>W-12</td>
<td><strong>#36 Turn in outline and key terms for Chapter 5</strong> • Discuss Chapter 6. Create outline and study guide for Chapter 6 • Complete outline and study guide for Chapter 6</td>
</tr>
<tr>
<td>F-14</td>
<td><strong>#37 Test # 5</strong> • Read Chapter 7</td>
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<td></td>
<td><strong>WEEK 14</strong></td>
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<tr>
<td></td>
<td>*Production week for KD, opens 20-</td>
</tr>
<tr>
<td>M-17</td>
<td><strong>#38 Return Test #5. Discuss results. Complete Self-Assessment. Discuss results of Self-Assessment. Discuss Chapter 7. Create outline and key terms Chapter 7 • Complete outline and key terms from Chapter 7</strong></td>
</tr>
<tr>
<td>W-19</td>
<td><strong>#39 Turn in outline and key terms Chapter 7</strong> • Continue discussion of Chapter 7. Create outline and key terms Chapter 7 • Complete outline and key terms from Chapter 7**</td>
</tr>
<tr>
<td>F-21</td>
<td><strong>#40 Turn in outline and key terms Chapter 7</strong> • Continue discussion of Chapter 7. Create outline and key terms Chapter 7 • Complete outline and key terms from Chapter 7**</td>
</tr>
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<td><strong>WEEK 15</strong></td>
</tr>
<tr>
<td>M-24</td>
<td><strong>#41 Turn in Review KD</strong> • Create outline and study guide for Chapter 7 • Complete outline and study guide for Chapter 6.**</td>
</tr>
<tr>
<td>W-26</td>
<td>Thanksgiving Break</td>
</tr>
<tr>
<td>F-28</td>
<td>Thanksgiving Break</td>
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<td></td>
<td><strong>WEEK 16</strong></td>
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<tr>
<td>M-1</td>
<td><strong>#42 Test #6</strong> • Review of Opera Due</td>
</tr>
<tr>
<td>W-3</td>
<td><strong>#43 Return Test #6. Discuss results. Complete Self-Assessment. Discuss results of Self-Assessment.</strong></td>
</tr>
<tr>
<td>F-5</td>
<td><strong>#44 Make up Tests</strong></td>
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<tr>
<td></td>
<td><strong>FINALS WEEK</strong></td>
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<tr>
<td>M-8</td>
<td><em>KD Showcase10- and 11-</em></td>
</tr>
<tr>
<td>W-10</td>
<td>11:00am to 12:50 pm</td>
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<td>F-12</td>
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