

Instructor: TAYLOR JASKULA**Email:** _____**Phone:** _____**THURS** 1:00-2:30 PM : **BCA 112****Office:** _____**Hours:** BY APPOINTMENT**[OVERVIEW]**

This class is designed to be an introduction to Vectorworks, with a focus on digital lighting drafting. This is a practical course. The class will cover basic drafting skills, Vectorworks organization, drafting legibility, 3D model making, and how to create some accompanying Lightwright paperwork. Particular emphasis will be put on learning basic techniques, workflows, and best practices for using Vectorworks to bring a lighting concept to scaled reality. Students will develop skills including drawing structure and layout, managing data and working with Lightwright, and creating clear, well-styled drawings. At the conclusion of the term, the successful student will be able to complete a full digital lighting drafting package.

[COURSE OBJECTIVES]

- Demonstrate an understanding of Vectorworks as it pertains to lighting drafting and the toolsets in Spotlight
- Demonstrate a basic understanding of 3D drafting
- Demonstrate an understanding of Lightwright and how it interfaces with Vectorworks
- Desire to continue to learn more about both programs on your own
- **PROBLEM SOLVE!**
- **THINK!**

[CLASS ATTENDANCE]

Please plan to attend all class sessions. If you are requesting an excused absence, please communicate this before class (preferably at least 24hr). If you have any questions, please refer to the UMass Amherst Academic Regulations Handbook for the University's policy on attendance: <https://www.umass.edu/registrar/sites/default/files/academicregs.pdf>

I support students missing class for protests and demonstrations, as well as for health reasons. We conceptualize health broadly and inclusively. Theater depends on collaboration; please make your best efforts to communicate in advance of being absent from class.

[PARTICIPATION]

I expect you to come to class on time, committed, and ready to learn. I understand that everyone has days where work is hard and we all have too much on our plates, but I always expect you to be respectful to one another and present when in class. Work should be turned in on the day that it is due. If you need an extension, you must request one prior to the due date of the assignment. I believe that we can always continue to learn even after an assignment has been completed. If you wish to revise any assignment again within a week of its original due date you may do so!

[NOTES / JOURNAL]

Students are asked to keep a single subject journal or digital notebook of what they learn in lectures, as well as from readings and videos assigned for homework. The goal of this course is to equip you with a basic toolkit to use a complex piece of software. Notes help us to be able to recall that complex information.

[INDEPENDENT PROJECT]

The culmination of this class will be a comprehensive, independent Vectorworks project. Students should keep this in mind throughout the course, and come up with ideas about what they would like to interrogate further. This project may take many forms, but the deliverables must include a Vectorworks lighting plot, magic sheet, and all accompanying Lightwright paperwork, unless previously discussed. If you would like your final project to take a different form, please plan to meet with me earlier in the semester to discuss other possibilities. We will check in about this project at various points throughout the semester. **Your final project topic must be approved via email by no later than Monday, April 8.**

[COURSE CONTENT OUTLINE] - SUBJECT TO CHANGE AT ANY POINT DURING THE SEMESTER

WK	DATE	TOPIC	DUE	READING
1	2.1	Syllabus		
2	2.8	Intro to Vectorworks	Paper Plot 20x20	Basic Tool Set
3	2.15	Vectorworks Organization	Finished Digital Space	
4	2.22	Digital Plot Presentations	Finished Digital Plot	
5	2.29	Intro to Lightwright	Magic Sheet	
6	3.7	Intro to 3D	Lightwright (CH, IS, CC)	3D
7	3.14	Space Measurements	Questions for Spaces	
8	3.21	SPRING BREAK!		
9	3.28	Prelim Spaces	Prelim Curtain Theater	
10	4.4	Final Space Presentations / Final Project Info	Final 3D Spaces	
11	4.11	Work Day	Final Project Topic Proposal	
12	4.18	Work Day	TBD	
13	4.25	Work Day	TBD	
14	5.2	Final Presentations	Final 3D Drafting	
15	5.9	Final Presentations	Final Paperwork	

[TEXTS]

***** All texts, additional readings, and videos will be provided. There will be no need to purchase materials for class. *****

Vectorworks For Theater, Steve Macluskie

Vectorworks for Entertainment Design, Kevin Lee Allen

Drafting Fundamentals for the Entertainment Classroom, Eric Appleton

[SOFTWARE]

Vectorworks 2024

Lightwright 6

[GRADE BREAKDOWN]

15%	Digital Plot
10%	First Lightwright
5%	Magic Sheet
20%	3D Space
40%	Final Project / Presentation
10%	Participation

[LAND ACKNOWLEDGEMENT]

Understanding place is an important part of understanding how, why and by and for whom art is created. What are the stories theatre-minded people are telling, ignoring and facilitating? What does it mean to inhabit stolen land? This region is a crossroads of Indigenous nations. The UMass buildings, farms, sports fields and stables are on Nonotuck land, bordered by the Indigenous nations of the Nipmuc, Wampanoag, Mohegan, Pequot, Mohican and Abenaki. It's important that we acknowledge, rather than ignore, this history and participate in new ways of going forward.

[DEPARTMENT — POLICY]

ACADEMIC HONESTY

Since the integrity of the academic enterprise of any institution of higher education requires honesty in scholarship and research, academic honesty is required of all students at the University of Massachusetts Amherst. Academic dishonesty is prohibited in all programs of the University. Academic dishonesty includes but is not limited to: cheating, fabrication, plagiarism, and facilitating dishonesty. Appropriate sanctions may be imposed on any student who has committed an act of academic dishonesty. Since students are expected to be familiar with this policy and the commonly accepted standards of academic integrity, ignorance of such standards is not normally sufficient evidence of lack of intent. (http://www.umass.edu/dean_students/codeofconduct/acadhonesty/).

ACCOMMODATION

The University of Massachusetts Amherst is committed to providing an equal educational opportunity for all students. If you have a documented physical, psychological, or learning disability on file with Disability Services (DS), you may be eligible for reasonable academic accommodations to help you succeed in this course. If you have a documented disability that requires an accommodation, please notify me within the first two weeks of the semester so that we may make appropriate arrangements. For further information, please visit Disability Services (<https://www.umass.edu/disability/>)

TITLE IX

In accordance with Title IX of the Education Amendments of 1972 that prohibits gender-based discrimination in educational settings that receive federal funds, the University of Massachusetts Amherst is committed to providing a safe learning environment for all students, free from all forms of discrimination, including sexual assault, sexual harassment, domestic violence, dating violence, stalking, and retaliation. This includes interactions in person or online through digital platforms and social media. Title IX also protects against discrimination on the basis of pregnancy, childbirth, false pregnancy, miscarriage, abortion, or related conditions, including recovery. There are resources here on campus to support you. A summary of the available Title IX resources (confidential and non-confidential) can be found at the following link:

<https://www.umass.edu/titleix/resources>. You do not need to make a formal report to access them. If you need immediate support, you are not alone. Free and confidential support is available 24 hours a day / 7 days a week / 365 days a year at the SASA Hotline 413-545-0800.