Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: https://catalog.uvu.edu/

Semester: Spring
Course Prefix: THEA
Course Title: Drafting for Theatre Design

Year: 2025
Course and Section #: 2574 001
Credits: 3

Course Description

THEA 2574 is a class on Drafting for the Theatre and Entertainment industry. It is designed to teach the fundamentals of 2D CAD techniques and provide the student with the skills necessary to understand and produce a complete set of drawings needed for productions. Using the Vectorworks CAD software, this course will explore how to properly organize a drawing, learn the basic functions of the 2D tool sets, and begin to utilize some of the 3D functions. In the second half of the semester, students will focus on how to properly develop ground plans, sections, and elevation drawings.

Course Attributes

This course has the following attributes:

☐ General Education Requirements
☐ Global/Intercultural Graduation Requirements
☐ Writing Enriched Graduation Requirements
☒ Discipline Core Requirements in Program
☒ Elective Core Requirements in Program
☐ Open Elective
Other: *Click here to enter text.*

Instructor Information

Instructor Name: Graham Whipple

Student Learning Outcomes

- Be able to quickly and accurately generate drawings needed for productions.
- Develop habits of effective organization within their drawings
- Learn the graphic standards needed to communicate with directors and other designers.

Course Materials and Texts

-Drafting for the Theatre (2nd Edition)
By Dennis Dorn and Mark Shanda
ISBN: 9780809330379
Southern Illinois University Press
-Vectorworks 2024 or 2025 (available through the GT 541 computer lab)
-12" Architect's Scale Ruler

Course Requirements

Course Assignments, Assessments, and Grading Policy

Grading

Students will be graded on class participation, midterm exam, class assignments, and project work.

Grades, out of 1000 points, will be determined by the following breakdown:

Class Participation: 50

Class Assignments: 250

Midterm 100

Isometric Object Project 100

Surveying Project 50

Ground Plan & Elevations Projects 100

3D Drafting Project 50

Rendering Project 50

Final Project: 250

You will be assigned a final letter grade in accordance with university policy.

A 100 - 94

A- 93.9 - 90

B+ 89.9 - 86

B 85.9 - 83

B- 82.9 - 80

C+ 79.9 - 76

C 75.9 - 73

C- 72.9 - 70

D+ 69.9 - 66

D 65.9 - 63

D- 62.9 - 60

E 59.9 and below

I'll use Canvas in this course as a means for communication as well as dissemination
of information. Please take care to check Canvas regularly. If you don't currently receive notifications to
your email from Canvas, you might take the time to enable notifications to prevent missing valuable information.
If you are unable to access Canvas or need assistance, please contact me as soon as possible so
we can discuss your options. For technical difficulties, please contact canvas_support@uvu.edu.

Required or Recommended Reading Assignments

Click here to enter text.

General Description of the Subject Matter of Each Lecture or Discussion

DATE	TOPIC	DUE
1/6/2025	Introduction - Vectorworks Setup, Tool Palettes, Workspaces Overview	
1/8/2025	Tool Palettes, Workspaces overview continued	Read pages 3-20
1/13/2025	Drawing Setup, Vectorworks preferences, document preferences, Start Problem 4.1	Read pages 21-25 **Semester Goals**
1/15/2025	Graphic Standards and conventions (p21-25), Tool Use, Begin problem 4.1	
1/20/2025	Martin Luther King Jr. Day - NO CLASS	

Date	Topic	Assignment
1/22/2025	Tool Use - Start Problem 4.2 in class	**Problem 4.1**

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Date	Topic	Assignment
1/27/2025	5.1 and 5.2 and 5.3 Drafting Shapes, No dimensions	**Problem 4.2**
1/29/2025	Orthographic Projection page 79-86, Shapes	Read pages 79-86 **Problems 5.1, 5.2, 5.3**
2/3/2025	Classes, Layers & Scale	**Worksheet 7.1 & 7.2**
2/5/2025	Viewports multi view sheet layout	
2/10/2025	Isometric Drawings, Document Organization	Read pages 112-119
2/12/2025	Isometric Drawings, Dimensioning	**Drafted Object Project Object Choice** Read pages 60-64
2/17/2025	President's Day - NO CLASS	
2/19/2025	Notation	**Drafted Object Project Worksheets 6.1 & 6.3** Read pages 65-71
2/24/2025	Section Drawings	**Worksheet 6.4** Read Pages 89-94
2/26/2025	MIDTERM EXAM	**Worksheet 8.1 & 8.2 Midterm**
3/3/2025	Grounplans	Read Pages 183-193
3/5/2025	Groundplans - Begin surveying GT 541 (USITT)	
3/10/2025	**NO CLASS - SPRING BREAK**	
3/12/2025	**NO CLASS - SPRING BREAK**	
3/17/2025	Groundplan Labeling and Dimensioning	
3/19/2025	Centerline Sections (p.195-196)	**GT 541 Groundplan**
3/24/2025	Elevations	Read pages 197-209
3/26/2025	Elevations	
3/31/2025	Beginning 3D	**Groundplan & Front Elevation Project**
4/2/2025	Beginning 3D, Creating Mulitviews from 3D	
4/7/2025	Using the resource manager and 3D assets	**3D Dresser Assignment**
4/9/2025	Draftings for Lighting Design and sound design	**Perspective renderings and camera view project**
4/14/2025	Drafting Light Plots	
4/16/2025	Drafting Light Plots and Sound Documents	
4/21/2025	Final Project	
4/23/2025	Interim Day - NO CLASS	
4/28/2025	Final Project 10:50am	Final Project

Required Course Syllabus Statements

Generative AI
AI programs are not a replacement for your human creativity, originality, and critical thinking. Writing, thinking, and researching are crafts that you must develop over time to develop your own individual voice. Responsible and appropriate use of AI can help your workflows and develop a skill to use in the future. AI work is allowed in this course under the following limitations.
AI may be used to generate and organize initial ideas, preliminary research, and for checking grammar and style.
AI may not be used for writing entire sentences, paragraphs, or papers; creating final renderings; or replacing your own artistic efforts.
As with any material that you are using or referencing that you did not create, proper citation is important. For any submitted AI work, you must list the AI tool that was used and the prompt it was given. You are responsible for the information you submit based on an AI query (for instance, that it does not violate intellectual property laws, or contain misinformation or unethical content). If you have any questions or concerns about the use of AI in this course, please speak with your instructor.

Using Remote Testing Software
☒ This course does not use remote testing software.

☐ This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

Required University Syllabus Statements

Accommodations/Students with Disabilities
Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU [Accessibility Services](#) at [accessibilityservices@uvu.edu](#) or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at [DHHservices@uvu.edu](#)

DHH is located on the Orem Campus in BA 112.

Academic Integrity
At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions

of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their rights and responsibilities. In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in UVU Policy 541: *Student Code of Conduct*.

Equity and Title IX
Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment, admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – TitleIX@uvu.edu – 800 W University Pkwy, Orem, 84058, Suite BA 203.

Religious Accommodation
UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.
To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at accessibilityservices@uvu.edu. If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a specially dedicated space for meditation, prayer, reflection, or other forms of religious expression.