

THTR 435 – Advanced Theatrical Drafting

Spring 2021 — Tuesday — 10:00am to 11:50am

Location:

Instructor: Sam Craven-Griffiths

Office Hours: By appointment

Contact Info: cravengr@usc.edu

Course Description and Overview

Advanced Theatrical Drafting is a beginners/intermediate level course for students learning to use computer aided design and drafting (CAD). Students will deepen their understanding of drafting language and learn the fundamentals of AutoCAD. Through a series of exercises students will learn how to effectively communicate their designs with technical drawings. The final project, due at the end of the semester, will be a full package of drawings that students can include in their portfolio. The course utilizes weekly assignments and tutorials; some assignments will be reviewed in class for open critique. Emphasis will be placed on understanding drafting language, control of the drafting software, problem solving and self-motivation.

Assignments

Weekly assignments must be completed fully and on-time to guarantee success in the learning experience and in the course. Students will be given instructions on how to submit their work in a specific format for each assignment.

Supplies and Equipment

Notebook and pen for notes

Sketchbook and Pencils

Computer: own laptop or Design Lab computer

AutoCAD 2016 or newer, free Educational version (already installed on Design Lab)

Mouse with two separate buttons and wheel

Adobe Acrobat

Design Lab account

Readings and Required Texts

Designer Drafting and Visualizing for the Entertainment World. Patricia Woodbridge & Hal Tiné.

Drafting for the Theatre. Dennis Dorn & Mark Shanda.

Optional

Mastering AutoCAD 2019. George Omura & Brian C. Benton

Grading Criteria

In all projects, students will be required to understand and demonstrate the fundamentals of representational media (drafting graphics) in visual communication. The assignments will also require fundamental notions of hand drafting and AutoCAD drafting. Work will be evaluated periodically so that students have an indication of progress. Unsatisfactory performance warnings will be issued to students whose work does not meet the minimum requirements. University guidelines on plagiarism pertain to drafting work. Students are expected to do all of their own presentation work. Substantial assistance in the form of drawing preparation, or deliberate appropriation of the work of others will be considered non-original work and will be treated as plagiarism. See "Academic Integrity" section below for more information.

Grading Scale for SDA

A indicates work of excellent quality; **B** of good quality; **C** of average quality; **D** of below average quality; and **F** indicates inadequate work.

Grading Breakdown

Final grade evaluations will be based on the following breakdown:

60% Assignments

25% Final Project

15% Participation

Attendance

This course is strongly based on class attendance and week to week progress. It is essential and required for all students to be on time and present for all classes and tutorials. Lateness and absences will be recorded and can seriously affect course grades. A maximum number of two absences are allowed without direct impact to the student's grade. A student's overall semester evaluation may be lowered by up to a full letter grade for each additional absence. Any student not in class within the first 15 minutes of class is considered late. Three instances of lateness equal one absence. Any student absent for more than 1/3 of any class period (in any form including lateness, sleep, technological distraction, bathroom break, etc.) will be considered absent. It is always the student's responsibility to seek the means and make up for work missed due to any type of absence.

The University recognizes the diversity of our community and the potential for conflicts involving academic activities and personal religious observation. See: <http://orl.usc.edu/religiouslife/holydays/>

Office Hours

Office Hours will be by appointment only, typically on Tuesdays.

Make an appointment via email at cravengr@usc.edu

Course Schedule

Subject to change

	Topics/Daily Activities	Readings, Assignments
Week 1 Jan 19 th	Discuss Syllabus, Software introduction, Graphic Standards, USITT	Read: Drafting for the Theatre (DFT) Intro, pg. xi. Graphic Standards, Ch. 2 pg. 12 Draft basic 2D image in model space
Week 2 Jan 26 th	Model Space, File Structure, Units, Limits, Coordinates, Basic Drafting Tools	Draft a given object
Week 3 Feb 2 nd	Site Survey of room, Draft room GP in model space	Offsite site survey Draft offsite site survey of X in model space
Week 4 Feb 9 th	Orthographic Drawings Create your own Orthographic Drawings - Sketch	Draft your orthographic sketch into CAD
Week 5 Feb 16 th	Line Types, Line Weights, Layers, Paper Space Set up Plot DWG to PDF Title Blocks, Standards, required information	Create your own Title Blocks, Letter, 11x17, Arch D, Arch E, add to previous assignment
Week 6 Feb 23 rd	Viewports, Annotations, Text	Create your own Styles – Text Add annotations to your previous assignment Read: Designer Drafting and Visualizing pg. 95 – 131.
Week 7 Mar 2 nd	Dimensions, Labels, Symbols	Create your own Styles – Dimensions Add annotations to your previous assignment
Week 8 Mar 9 th	Importing/scaling Generate drawing from imported pdf	Continue drawing from class
Week 9 Mar 16 th	Discuss Finals Project, Set up GP, SN, Deck Elevation, FE, Details Plate, Shift Plot, SM GP	Start drafting for final project, GP Read: Drafting for the Theatre (DFT) pg. 183-228
Wellness Day Mar 23 rd		
Week 10 Mar 30 th	Layers, details plate	Continue drafting for final project
Week 11 Apr 6 th	Hatches, imported CAD blocks from manufactures	Review GP of final project Generate Section from GP
Week 12 Apr 13 th	Dynamic Blocks, Create your own Dynamic Blocks	Review SN Generate elevations of Walls from GP
Week 13 Apr 20 th	Finals Project/Guest Lecturer	Review FE of Walls Generate Deck Elevation & SM GP, Shift Plot
Week 14 Apr 27 th	Finals Project/Guest Lecturer	Review previous assignment Generate Details Plate
Study Days May 1-4	Study Days	
FINAL May 11 th	Final Exams May 11 th @ 11am – 1pm	

EXTRA-CURRICULAR COMMITMENTS AND ISPS

Should you choose to participate in any extra-curricular project, such as an Independent Student Production, the SDA administration and faculty will not make allowances or exceptions for absences in class, missed or delayed assignments, home work that is required as preparation for class, or lack of participation in class resulting from your extra-curricular involvement.

Statement on Academic Conduct and Support Systems

Academic Conduct:

Plagiarism – presenting someone else’s ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in *SCampus* in Part B, Section 11, “Behavior Violating University Standards” policy.usc.edu/scampus-part-b. Other forms of academic dishonesty are equally unacceptable. See additional information in *SCampus* and university policies on scientific misconduct, <http://policy.usc.edu/scientific-misconduct>.

Statement for Students with Disabilities

Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (or to TA) as early in the semester as possible. DSP is located in STU 301 and is open 8:30 a.m.–5:00 p.m., Monday through Friday. Website for DSP and contact information: (213) 740-0776 (Phone), (213) 740-6948 (TDD only), (213) 740-8216 (FAX) ability@usc.edu.

Emergency Preparedness/Course Continuity in a Crisis

In case of a declared emergency if travel to campus is not feasible, USC executive leadership will announce an electronic way for instructors to teach students in their residence halls or homes using a combination of Blackboard, teleconferencing, and other technologies. See the university’s site on Campus Safety and Emergency Preparedness.

Support Systems:

Student Counseling Services (SCS) – (213) 740-7711 – 24/7 on call

Free and confidential mental health treatment for students, including short-term psychotherapy, group counseling, stress fitness workshops, and crisis intervention. engemannshc.usc.edu/counseling

National Suicide Prevention Lifeline – 1 (800) 273-8255

Provides free and confidential emotional support to people in suicidal crisis or emotional distress 24 hours a day, 7 days a week. www.suicidepreventionlifeline.org

Relationship and Sexual Violence Prevention Services (RSVP) – (213) 740-4900 – 24/7 on call

Free and confidential therapy services, workshops, and training for situations related to gender-based harm. engemannshc.usc.edu/rsvp

Sexual Assault Resource Center

For more information about how to get help or help a survivor, rights, reporting options, and additional resources, visit the website: sarc.usc.edu

Office of Equity and Diversity (OED)/Title IX Compliance – (213) 740-5086

Works with faculty, staff, visitors, applicants, and students around issues of protected class. equity.usc.edu

Bias Assessment Response and Support

Incidents of bias, hate crimes and micro aggressions need to be reported allowing for appropriate investigation and response. studentaffairs.usc.edu/bias-assessment-response-support

The Office of Disability Services and Programs

Provides certification for students with disabilities and helps arrange relevant accommodations. dsp.usc.edu

Student Support and Advocacy – (213) 821-4710

Assists students and families in resolving complex issues adversely affecting their success as a student EX: personal, financial, and academic. studentaffairs.usc.edu/ssa

Diversity at USC

Information on events, programs and training, the Diversity Task Force (including representatives for each school), chronology, participation, and various resources for students. diversity.usc.edu

USC Emergency Information

Provides safety and other updates, including ways in which instruction will be continued if an officially declared emergency makes travel to campus infeasible. emergency.usc.edu

USC Department of Public Safety – UPC: (213) 740-4321 – HSC: (323) 442-1000 – 24-hour emergency or to report a crime.

Provides overall safety to USC community. dps.usc.edu