

設計製圖概論 **Introduction to Drafting** Thea2826 #109 24660 Fall 2025 3 credits

Class Time: Wednesday, 15:30-18:20 (each class 3 hour long)

Instructor: Daniel Ostling Email: danielostling@mac.com

Office Hours: TBD

Course Outline																	
Course Description	Introduction to Drafting is an entry level class that introduces theatrical design student to the basic graphic tools, materials, and techniques of hand drafting. At the same time, the class introduces students to the conceptual foundations of scale drawing and the generally accepted formats of a drafting package (Ground Plan, Section, Elevations, Details). The faculty believes that honing these skills, using the medium of hand drafting, will best allows the student to apply these basic skills to whatever medium they use (hand drafting, CAD, 3D modeling).																
Course Objective	Using drafting, the theatre designer accurately, and with artistry, communicates design specifications to the other members of the production and artistic team. These drawings must be complete and clear since they communicate on behalf of the designer during his or her absence. Student in this class will learn the graphic standards and techniques unique to drafting for the professional theater.																
Prerequisite	Prerequisite: Theatre Department Student -or- student should petition Professor Ostling with letter and sample of work for approval.																
Textbook	Patricia Woodbridge, and Hal Tine. Designer Drafting and Visualizing for the Entertainment World . New York and London: Taylor & Francis Group, 2013																
Reference	Rich Rose. Drawing Scenery for theater, film and television . Cincinnati, Ohio: Betterway Books, 1994																
Evaluation & Grading Policies	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Lettering/Line Weight Project</td> <td style="text-align: right; padding: 2px;">7.5%</td> </tr> <tr> <td style="padding: 2px;">Code Project</td> <td style="text-align: right; padding: 2px;">7.5%</td> </tr> <tr> <td style="padding: 2px;">Orthographic Projection Project</td> <td style="text-align: right; padding: 2px;">10%</td> </tr> <tr> <td style="padding: 2px;">Ground Plan Project</td> <td style="text-align: right; padding: 2px;">10%</td> </tr> <tr> <td style="padding: 2px;">Section Project</td> <td style="text-align: right; padding: 2px;">10%</td> </tr> <tr> <td style="padding: 2px;">Elevation Project</td> <td style="text-align: right; padding: 2px;">10%</td> </tr> <tr> <td style="padding: 2px;">Details Project</td> <td style="text-align: right; padding: 2px;">10%</td> </tr> <tr> <td style="padding: 2px;">Drafting Package Project</td> <td style="text-align: right; padding: 2px;">35%</td> </tr> </table> <p style="margin-top: 10px;"><i>ELECTRONIC DEVICES: <u>No cell phones, tablets, or computers to be used during class unless directly connected to work. Anyone using devise will be asked to stop.</u></i></p>	Lettering/Line Weight Project	7.5%	Code Project	7.5%	Orthographic Projection Project	10%	Ground Plan Project	10%	Section Project	10%	Elevation Project	10%	Details Project	10%	Drafting Package Project	35%
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	<p><i>2nd time, student will be asked to leave class & will receive an absence that day.</i></p> <p><i>ATTENDANCE: Class participation & attendance is expected & mandatory. After one absence, final grade will be lowered 1 grade level for each additional absence.</i></p> <p><i>(2 absences = lowered 1 grade level: A- > B+)</i></p> <p><i>(3 absences = lowered 2 grade levels: A- > B)</i></p> <p><i>LATE POLICY: Class starts at posted time. If you have an issue getting from last class to our class, let me know. Repeated late arrivals will count as an absence.</i></p>
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設計製圖概論 **Introduction to Drafting 114-1 (Fall 2025) 3 credit Class Schedule** version 7-24-25

Wk	Date	Lecture	Assignments	Notes
1	9/3	INTRO: Syllabus / Tools/ Material CONCEPTUAL BASIS OF DRAFTING Practical: Using Tools	Assign: Shopping spree	DAN ONLINE (students in classroom)
2	9/10	off		
3	9/17	LETTERING / LINE WEIGHT	Read: p 45-50 Assign: Lettering/Line Weight Proj Assign: Choose Object to draw DUE: Supplies bought	<i>17 Moon Festival</i>
4	9/24	LINE CODES/DIMENSION	Read: p 21-28 Assign: Line Code/ Dimension Proj DUE: Lettering/Line Weight Project DUE: Object Chosen (tb approved by Dan)	
5	10/1	ORTHOGRAPHIC PROJ/LAYOUT & DIMENSIONS	Read: p 55-73. (p64-73 more advanced but read) Read: p 95-121 Assign: Orthographic Projection Project DUE: Line Code/ Dimension Project	
6	10/8	GROUND PLAN & SECTION	Read: p85-87 Read: p 83-85 Assign: GP & SECTION PROJ DUE: Orthographic Projection Proj Rough	10 NATIONAL DAY
7	10/15	Orthographic Proj turned in by 17:00	DUE: Orthographic Projection Project	

			<i>Due anytime before Thur @ 17:00</i>	
8	10/22	<i>Studio day- GP-SECTION</i>	DUE: Ground Plan & Section Rough	
9	10/29	ELEVATIONS	Read: p 73-83 Assign: Elevation Project DUE: Ground Plan & Section Project	
10	11/5	<i>Studio day- Elevations</i>	Assign Drafting Details	
11	11/12	<i>Studio day- Elevations</i>	Assign Final Project	
	11/17	<i>Email or LINE Dan by 10p</i>	DUE: Final Project Rough Proposal	
12	11/19	off		<i>25-29 Production Week</i>
13	11/26	CRITIQUE- EI & Detail Proj ASSEMBLING A PACKAGE	DUE: Elevation & Details Project DUE: Final Project Final Proposal Read: p 123-133	
14	12/3	<i>Studio day- Final Project</i>	DUE: all material gathered. DUE: ROUGH GP & SEC	
15	12/10	<i>Studio day- Final Project</i>	DUE: ROUGH EL & DETAILS	
16	12/17	<i>Studio day- Final Project</i>	DUE: Refined Drawings	
17	12/24	Final Critique	DUE: Final Project Critique	Final week

NOTE: schedule subject to change- student will be notified and given updated syllabus

Art Supplies

TO BE SECURED BY STUDENT:

- Tracing Paper (roll is cheaper)
- Drafting Tube (24")
- Drafting Pencils (2H, H, HB a must! Perhaps 3H & 2B depending on your touch)
- Good White Erasure (pencil type best)
- Masking Tape
- Erasure Shield
- Scale Rule (Architects)
- Dray Erase Pads (Scum Bag)
- Blending Stumps
- Pencil Sharpener

THEATER DEPARTMENT WILL SUPPLY: (students can buy their own if they wish for future)

- 45/45/90 Triangle
- 30/60/90 Triangle
- Adjustable Triangle
- Drafting Velum (24")
- French Curves
- Compass
- Protractor
- Drafting Brush
- Assorted Templates
- Electric Erasure

...Inevitably, there will be other supplies as we go on