



SALT LAKE COMMUNITY COLLEGE

INTD 1100 Drafting and Space Utilization

Note: This syllabus is used for all sections all semesters.

Instructor:

Course Description

This course will introduce the principles and techniques of hand drafting, as well as the procedures and standard requirements of efficient space planning for residential and commercial interior design. Programming and schematic design development will be used in developing working drawings typical of an Interior Design project.

Introduction

Welcome to INTD 1100 Drafting and Space Utilization! I am excited for this semester and to get to know all of you.

This course has 2 main objectives: to learn the fundamentals of drafting for Interior Design and to become proficient at space planning. It is a course taken the first semester as the skills learned will apply to all of your future courses in the program. We will start the semester focusing on hand drafting terms and techniques, move on to space planning, then back to learning drafting techniques for the main types of drawings that Interior Designers complete. The assignments will all be done by hand, but the knowledge of the terms and drawing types will be used in the Auto CAD drawing courses.

Course Learning Outcomes

By the end of this course, you will be able to:

- Demonstrate proficiency in hand drafting skills.
- Apply industry standard symbols and representation techniques to interior design contract documents.
- Develop conceptual and schematic drawings
- Demonstrate the ability to think visually and volumetrically.
- Create entry level industry standard drawings for interior design documentation and communication, including floor plans, furniture plans, elevations, schedules, electrical, and reflected ceiling plans.
- Apply creative and critical thinking skills to the development of an interior design project.
- Recognize the various drawing types and be able to navigate contract documents used for construction.
- Synthesize information through programming (interpreting client needs) to create an interior design project.
- Demonstrate professional discipline through time management and organizational skills.
- Utilize efficient space planning techniques incorporating building codes and correct clearances for physical and mental well-being.

Textbooks

Construction Drawings and Details for Interiors, 4th ed., by W. Otie Kilmer and Rosemary Kilmer,
Residential Interior Design-A Guide to Planning Spaces, 4th Ed., Maureen Mitton and Courtney Nystuen.

(This text will be used starting in Module 5.)

Note: Both books are considered core to the program and are used in 3 future courses.

Supplies

There are kits assembled that you can purchase at the Taylorsville Redwood Campus bookstore, 4600 South Redwood Road, Taylorsville. They come in portfolio bags and are labeled with INTD 1100 on the front. You can also purchase the items elsewhere if you prefer, as you may already have some of the supplies. This is a PDF that illustrates the supplies if you need a visual to purchase them individually.

[Drafting Tools.pdf](#)

- Architectural scale
- T-square (24" recommended)
- Triangle 45/90
- Triangle 30/60
- Drafting pencils- either mechanical pencil or lead holder
- Lead 2H, H, HB, F (.5 lead for mechanical pencil) (start with one hard lead, 2H and one soft, HB)
- Furniture template $\frac{1}{4}'' = 1'-0''$
- Bathroom fixture template $\frac{1}{4}'' = 1'-0''$
- Circle template
- White eraser or gum kneaded eraser, as well as a pen eraser
- Eraser shield
- Drafting brush
- Roll of tracing paper (at least 15")
- Vellum pad $8\frac{1}{2}'' \times 11''$
- Drafting tape or masking tape
- Ames Lettering Guide. This is optional and not included in the drafting kit. However, it is beneficial.
- For the final project: 3 sheets of vellum 18 x 24 (size c) with border and title block this is not included in the kit. Don't purchase this until the end of the semester, as they may be optional.

Evaluation

Assignments 50%. There will be weekly exercises and assignments. All work that is turned in should be neat and professional. There will be detailed instructions and rubrics with each assignment that will go over the specific requirements and expectations for each assignment. The drafting tools and a smooth, even surface to draft on will be a must to complete the assignments.

Final Project 40%. The final project will be worked on incrementally through most of the semester and will comprise the learning from the course incorporated into a set of drawings representative of entry level industry standard drafting and space planning.

Attendance and Discussions: 10%

We will be meeting each week at the scheduled class time via Zoom or face-to-face. Attendance is an important aspect of this course for peer interaction and instructor information. There are also 4 online discussions in various modules.

Grade Scale

Grades are: A (100-93), A-(92-90), B+(89-87), B(86-83), B-(82-80), C+(79-77), C(76-73), C-(72-70), D+(69-67), D(66-63), D-(62-60), E(59-0).

Incomplete Grades: An incomplete is a conditional grade given only in extraordinary cases where a student has completed a major portion of the class but is unable to complete course work due to circumstances beyond their control such as major illness/injury or a death in the family. Written documentation from your physician will be required.

Extra Credit: There will be opportunities for extra credit for a maximum of 20 points.

Expectations

Course Work:

All work that is turned in should be neat and professional. There will be detailed instructions and rubrics with each assignment that will go over the specific requirements and expectations for each assignment. The drafting tools and a smooth, even surface to draft on will be a must to complete the assignments.

Late Work:

Students are expected to be aware of due dates by referring to the weekly announcement, the overview page in the module, and the To Do list on the right side of the home page in the course. Assignments submitted online will be due Sunday night at 11:59. Assignments submitted on paper will be due during the Monday class time.

10% will be deducted from late assignments.

Plagiarism: All of your work should be original and drawn by you. Plans are the intellectual property of the creator, and can be used as inspiration, but should not be copied. There will be no tolerance for cheating.

Communication:

It is very important in this course that all communication through Discussions and e-mails be held with respect. Rudeness and disrespect will not be tolerated. The communication policy is on the Introductory page and talks about Netiquette, please review it if you haven't already.

Instructor:

- I will respond to your emails and questions within 24 hours, M-F. (Usually sooner). Messages that are sent after 4:00 pm, will be returned by 7:00 am the next day. I am a morning person!
- Assignments will be graded asap but not longer than 7 days from time of due date.
- Friday there will be an announcement sent with an overview of the next week's tasks, if we are meeting via Zoom or in-class, and the Zoom join info if applicable. (This is on the syllabus schedule as well.)

Student: In general, you should log-on 3-4 times per week.

- Friday: Check the announcement to see specific time requirements for the coming week's module and if we are meeting in class or via Zoom.
- Sunday: Upload assignment from the previous week by 11:59 pm.

- Tuesday through Sunday: Review the Content in the Modules and begin the assignment for the week. If you have questions, they should be asked before the weekend, as I consistently check e-mail and Discussions through the week, but not always on the weekends.

Important Information for Students

Please review the Institutional Syllabus in the navigation bar to the far left of the screen or by following this link [Institutional Syllabus](#). There is important information on student support services and code of conduct.

For information on campus policies regarding Covid-19 please go to the SLCC Safe page which is linked near the top of the far-left navigation menu.

Day/Date: During Class

Outside of Class

Week # 1

1. Instructor introduction
2. Syllabus & Canvas orientation - class policies, assignments, grades.
3. Student expectations for instructor
4. Required Supplies.

1. Purchase supplies.
2. Read Construction Drawings and Details, Ch. 1, 2 and 3 page 44-47.

Week # 2

SUPPLIES NEEDED ON THIS DAY-SCALE, PENCIL, TRIANGLE, T-SQUARE, LETTERING GUIDE AND VELLUM PAD!

1. Introduction to hand drafting, tools and techniques.
2. Drafting Demonstration.
3. Introduce Assignment 1-Lettering and Title Blocks.
4. Begin assignment 1 in class.

1. Complete Assignment 1
2. Read Construction Drawings and Details Ch. 3 and Ch. 6

Week # 3 BRING ALL SUPPLIES TO CLASS except large vellum and tracing paper.

1. Due: Assignment 1 Lettering and Title Blocks.
2. Discussion, lecture, and exercise on architectural scale and line weight.
3. Discussion and lecture on drawing types and construction drawings.
4. Exercise on navigating construction drawings.
5. Introduce Assignment 2-Scale and Line Weight
6. Begin Assignment 2.

1. Complete rough draft of assignment 2.
2. Read Construction Drawings and Details Ch. 8.

Week # 4

1. Lecture and exercise on floor plan symbols and dimensioning. Bring tools.
2. Due: Check rough draft of Assignment 2.
3. Explain Assignment 3-Symbols and Dimensioning.

1. Complete Assignment 2 and 3.
2. Read Residential Interior Design, Ch. 1 to page 21

	4. Introduce Final Project.	and Construction Drawings, Ch. 5.
Week # 5	<ol style="list-style-type: none"> 1. Due: Assignments 2 and 3 2. Discussion on Human Factors, Space Planning, and The Design Process. 3. Introduce and explain Assignment 4-Space Planning. Furniture plan and schematic. 	<ol style="list-style-type: none"> 1. Complete Assignment 4. 2. Read Residential Interior Design, Ch. 2, 5 and 6.
Week # 6	<ol style="list-style-type: none"> 1. Due: Assignment 4 Space Planning. 2. Discussion and lecture on circulation spaces, bedroom, and bathroom design. 3. Introduce and explain Assignment 5-Bedroom and Bathroom Design. 4. Work in class on assignment 5. (Bring scale and bathroom template). 5. Instructor check and review of individual schematics for final project. 	<ol style="list-style-type: none"> 1. Complete Assignment 5. 2. Read Residential Interior Design, Ch. 4 and 7. 3. Refine space planning for residential space.
Week # 7	<ol style="list-style-type: none"> 1. Due: Assignment 5 Bed/Bath Design. 2. Discussion and lecture on Laundry rooms and Kitchen Design. 3. Assignment 6-Kitchen Design explained. 4. Instructor check of residential plan 	<ol style="list-style-type: none"> 1. Complete Assignment 6. 2. Read Residential Interior Design, Ch. 3. 3. Acquire tape measure for extra credit.
Week # 8	<ol style="list-style-type: none"> 1. Due: Assignment 6 Kitchen Design 2. Discussion on living spaces and the public zone. 3. Site measuring. In class assignment. Bring metal tape measure and scale. 4. Assignment 7 Space Planning for Residential Space explained. 	<ol style="list-style-type: none"> 1. Finish Assignment 7 space planning of 2nd floor on tracing paper. Schematic of 1st floor. 2. Read Construction Drawings and Details, Appendix B.
Week # 9	<ol style="list-style-type: none"> 1. Discussion and lecture on commercial and accessible design. 2. Due: Assignment 7. Have space planning ready for instructor and peer review. 	<ol style="list-style-type: none"> 1. Read Construction Drawings and Details, Ch. 10. 2. Work on refining space plan.
Week # 10	<ol style="list-style-type: none"> 1. Discussion and lecture on elevations. 2. In class Assignment 8 Elevations. Bring drafting tools. Due this day. 3. Assignment 9 Rough Draft elevations for Final Project. 	<ol style="list-style-type: none"> 1. Read Construction Drawings and Details, Ch. 11 and 17. 2. Work on refining space plan. 3. Work on elevation rough drafts.

<p>Week # 11</p>	<ol style="list-style-type: none"> 1. Discussion on Sections 2. Begin discussion on lighting and electrical plans. 3. Bring tools to work on elevations in class. 	<ol style="list-style-type: none"> 1. Read Construction Drawings and Details, Ch. 13 and 14. 2. Finish all space planning. 3. Finish elevation rough drafts.
<p>Week # 12</p>	<ol style="list-style-type: none"> 1. Lecture on reflected ceiling plans and schedules. 2. Due: Rough draft elevations. Checked at the end of class and not accepted late. 	<ol style="list-style-type: none"> 1. Complete rough drafts of electrical and reflected ceiling plans. 2. Start transferring plans to vellum.
<p>Week # 13</p>	<ol style="list-style-type: none"> 1. Demonstration on presentation techniques 2. Review dimensioning and check-list for final project. <p>Lab Day. Come prepared with final questions to complete project.</p>	<p>Complete final project: have copied or bring to campus for Jeri to copy on assigned day.</p>
<p>Week #15</p>	<p>Final project due. It will be marked late if you are not here for presentations at the beginning of class.</p>	

