



ART 241: Architectural Drafting

Fort Hays State University
School of Visual & Performing Arts
Department of Art & Design - Interior Design Program
Colin Schmidtberger

1. COURSE INFORMATION

- Course Name: **ART 241 Architectural Drafting**
- Credit Hours: **3**
- Semester and Year: **Spring 2026**
- Location of Class: **AD 106**
- Class Time: **Tuesday/Thursday 9:00 am – 11:45 am**
- Course Prerequisites: **N/A**

2. INSTRUCTOR INFORMATION

2.1. Instructor Contact Information

- Name: **Colin Schmidtberger**
- Title: **Assistant Professor of Interior Design & Gallery Director, Moss-Thorns & Patricia A. Schmidt Galleries**
- Office Location: **Schmidt Foundation Center for Art & Design Room 113**
- Office Hours: **MW 10:30 AM - 1:30 PM or by appointment**
- Email Address: [**cjschmidtberger3@fhsu.edu**](mailto:cjschmidtberger3@fhsu.edu)
- Phone Number: **(785) 628-5829**

2.2. Contact Procedure and Policy: **Students are welcome to e-mail or set up an appointment to meet during office hours. I will do my best to answer emails within 24 hours.**

2.3. About the Instructor:

- Education and Teaching Background:
 - **MFA in Interior Design** – Brenau University
 - **Graduate Certificate in Planning and Design of Healthcare Environments** – Ball State University
 - **MLS in Art** – Fort Hays State University
 - **BFA in Interior Design** – Fort Hays State University
 - **Certificate of Construction Management Technology** – Fort Hays State University
- Teaching background:
 - **2025 – Present**; Assistant Professor of Interior Design & Director of the

- Moss-Thorns Gallery of Art & Patricia A. Schmidt Gallery Lobby – Art & Design, Fort Hays State University
- **2019 – 2025**; Instructor of Interior Design & Director of the Moss-Thorns Gallery of Art & Patricia A. Schmidt Gallery Lobby – Art & Design, Fort Hays State University
- **2018 – 2019**; Adjunct Instructor – Art & Design, Fort Hays State University
- **2017 – 2018**; Graduate Teaching Assistant – Art & Design, Fort Hays State University

2.4. Graduate Teaching Assistant or Department Administrative Assistant Contact Information (if applicable)

- Name: **Lauren Sargent**
- Title: **Administrative Assistant**
- Office Location: **CAD 119**
- Office Hours: **M–F 8:00 am - 4:30 pm**
- Email Address: Itsargent@fhsu.edu or Art&Design@fhsu.edu
- Phone Number: **(785) 628-4247**

3. TEXTBOOK AND COURSE MATERIALS

3.1. Required Textbook(s):

- None

3.2. Supplementary Book(s) and Article(s):

- *Architectural Graphics*, Francis D.K. Ching, Van Nostrand Reinhold, **ISBN-10**: 111903566X, **ISBN-13**: 978-1119035664
- *Interior Graphic Standards*, Kelsey Kruse, Maryrose McGowan, **ISBN-10**: 047140568X, **ISBN-13**: 978-0471405689
- Handouts given when necessary.

3.3. Required Materials:

- Tackle Box or Tote Bag to hold materials. (optional but recommended)
- Most Materials used will be given to students through Lab Fees.
- Small outside purchases may be required to finish projects.

3.4. Technology Requirement:

All students enrolled at Fort Hays State University are expected to have a computer* for use in a variety of university learning experiences. ***On-campus students are expected to have a laptop to ensure mobility.**

TigerTech only provides assistance with accessing and using FHSU hosted systems and University-owned equipment. FHSU does not sell computers and does not provide computer repair for student devices.

- **Hardware**: To meet basic security, networking, and upgrade requirements, your computer should be running Windows 7 (or newer) or Mac OS X (or newer). Ideally, your computer's warranty should be

supported by the manufacturer throughout your college career. Chromebooks and iPads are not recommended for use as your primary device due to limited functionality. Ask your instructor or academic department to learn about any specific technology requirements that may apply for each course in which you are enrolled.

- **ID Department:** A personal laptop is not required in the ID department, but if you would like a personal laptop, please reach out to your professor to receive the proper laptop requirements before ordering your laptop.
- **Software:** Enrolled students at FHSU can take advantage of a variety of options to get FREE and/or discounted software for use on personal devices at www.fhsu.edu/tigertech/software/.
 - If you have any technical issues, contact FHSU TigerTech 785-628-3478, notify the instructor.

3.5 Printer Usage:

The printer (ink & paper) for presentation boards will be provided to you as a student. If the printer is misused, this privilege will be revoked. The cost of printing boards outside of the classroom is substantially more expensive than the fee that allows students to use this printer. The printer will be monitored closely, so be respectful and take care of it or the privilege to use the printer will be taken away.

There are three printers located in the Art & Design building that are for student use. They are located in AD 101, AD 202, and AD 210.

4. COURSE DESCRIPTION

4.1. FHSU Catalogue Description: Exploration of architectural drawing and use of traditional symbols.

4.2. Instructor Course Description: Understanding architectural drawings and the construction of architectural building design utilizing traditional techniques.

5. COURSE OBJECTIVES

5.1. Course Objectives:

- Become skilled in mechanical drawing as a means of communication.
- Understand basic concepts and techniques that allow for enhancement as a visual presentation.
 - Learn how to write Architectural Lettering.
 - Hand-draft title blocks, floor plans (w/dimensioning), elevations, sections, reflected ceiling plans, furniture overlay, and understand symbols in a construction document.
- Gain knowledge and implement the design process into a small project.

5.2. Course Expectations:

- Students are required to meet the following CIDA standards:
 - CIDA Professional Standards
 - Standard 8. Design Process
Interior designers employ all aspects of the design process to creatively solve a design problem.
 - *Intent: This standard ensures graduates can employ methods of inquiry, data collection, and analysis to appropriately frame design questions. Additionally, graduates should apply problem solving methods throughout the design process to arrive at a comprehensive design solution that incorporates skills and knowledge. Familiarity with effective design processes enables graduates to understand complex problems as a system of interconnected issues.*
 - Student work demonstrates the ability to apply knowledge and skills learned to:
 - c) consider the interdependence of contextual elements related to a design solution and the holistic potential impact on the user(s).
 - f) explore and iterate multiple ideas.
 - g) design creative and effective solutions.
 - Standard 11. Design Elements and Principles
Interior designers apply elements and principles of design.
 - *Intent: This standard ensures graduates are able to apply design elements, principles, and theoretical context to formulate and compose creative and aesthetic solutions.*
 - a) Students understand the elements and principles of design and related theories, including spatial definition and organization.
 - b) Student work demonstrates the ability to explore design solutions through the use of a variety of media.
 - Standard 15. Construction
Interior designers understand interior construction and its interrelationship with base building construction and systems.
 - *Intent: This standard ensures graduates have an understanding of the documentation, specification, environmental impact, and application of non-load bearing interior construction methods, systems, and details. Graduates should consider the interrelationship of base-building construction to interior construction.*
Student work demonstrates understanding that design solutions affect and are impacted by:
 - b) base-building structural systems and construction methods.
 - c) interior systems, construction, and installation methods.
 - d) detailing and specification of interior construction materials, products, and finishes.
 - e) the integration of building systems including electrical (such as power, data, lighting, telecommunications, security, and audio visual) and mechanical (such as HVAC, plumbing, and sprinklers).
 - f) building controls systems.
 - g) vertical and horizontal systems of transport and circulation such as stairs, ramps, elevators, or escalators.
 - h) Students understand the formats, components, and accepted standards for an integrated and comprehensive set of interior construction documents.

Students are able to:

- i) read and interpret construction documents.
- j) contribute to the production of interior contract documents including drawings, detailing, schedules, and specification formats appropriate to project size and scope.

- Standard 16. Regulations and Guidelines

Interior designers apply laws, codes, standards, and guidelines that impact human experience of interior spaces.

- *Intent: This Standard ensures graduates understand their role in protecting the health, safety, and welfare of building occupants and the various regulatory entities that impact practice. Graduates should apply the laws, codes, standards, and guidelines impacting the development of solutions throughout the design process.*

- a) Students have awareness of the origins and intent of laws, codes, and standards.

Students work demonstrates understanding of:

- d) detection such as active devices that alert occupants including smoke/heat and alarm systems.
- f) suppression such as devices used to extinguish flames including sprinklers, standpipes, fire hose cabinets, extinguishers, etc.

6. TEACHING, LEARNING METHODS, & COURSE STRUCTURE

6.1. Delivery Method: In-person Course

6.2. Instructional Approach: Direct Instruction

6.3. Course Structure: Lectures, projects, demonstrations, and class discussions.

7. COURSE SCHEDULE

This schedule is tentative and might change during the semester depending on how the course evolves. The content is subject to change depending on students' interests and progress. Students will be notified of the changes through announcements either in the class or at the Blackboard course site. If time is mentioned in the course, it refers to the Central Time Zone.

Module # & Range of Dates for Module	Topics	Reading	Assignments	Due Date
Module/Week 1	Drawing Tools and Materials Architectural Writing	Handout	Design Board #1	Week 05
Module/Week 2	Design Problems	Handout	Design Problem #1	Week 02

	Design & Construction Drawings			
Module/Week 3	Reflected Ceiling Plan	Handout		
Module/Week 4	Design & Construction Drawings Continued			
Module/Week 5	Section Views	Handout	Design Board #2	Week 08
Module/Week 6	Design Problems Elevation Views	Handout	Design Problem #2	Week 06
Module/Week 7	Other Design Drawings	Handout		
Module/Week 8	Midterm Exam			

Spring Break

Module/Week 9	Unit Details	Handout	Design Board #3	Week 13
Module/Week 10	Design Problems Unit Details	Handout	Design Problem #3	Week 10
Module/Week 11	Other Design Drawings	Handout		
Module/Week 12	Programming			
Module/Week 13	Schedules	Handout	Design Board #4	Week 15
Module/Week 14	Design Problems Schedules	Handout	Design Problem #4	Week 14
Module/Week 15	Design Board Presentations			
Module/Week 16	Final Exam			

*Schedule is subject to change

8. ASSIGNMENTS AND GRADING SCALE

There are 100 percentage points for this course. The grade you earn for this course depends on the total number of points you earn throughout the semester. The assessment methods and grading scale are as follows:

Assessment Methods	How Many	Unit Points	Total Unit Points	Percentage
Assignment	4	27	108	60%
Design Problems	4	8	32	10%
Midterm Exam	1	50	50	15%
Final Exam	1	50	50	15%
Total Points				100%

*Additional projects and points may be available throughout the semester

- = A (90% and above) Excellent
- = B (80%–89%) Above Average
- = C (70%–79%) Average
- = D (60%–69%) Below Average
- = U (below 60%) Unsatisfactory

- The requirement sheets and rubrics for assessments can be accessed on Blackboard, under the course within the submission tab.

9. STUDENT HELP RESOURCES

Students have access to academic services, technical support, and student services at Fort Hays State University. You can find the resources online at [FHSU Blackboard Student Tutorials](#)

For more information, you can contact TigerTech at 785-628-3478 or [FHSU TigerTech](#)

10. COURSE POLICIES

- 10.1. Class Attendance:

Attendance will be taken at the beginning of every class period.

Attendance is mandatory. **A maximum of 3 absences (unexcused) will be allowed.**

For every absence over 3, there will be 5 percentage points reduction in the final grade.

Within the initial **5 minutes** of class, students are marked **present**; however, **after 5 minutes**, they are considered **late** (with two late instances equating to one absence). If a student arrives **20 minutes or later** into the class, they are allowed to attend, but will be registered as **absent**.

In the event of illness or the inability to attend class, please notify me via email (cischmidtberger3@fhsu.edu) or by calling 785.628.5829. For formal notification to all instructors, contact Student Affairs at (785) 628-4276. A doctor's note or medical report is the only acceptable documentation for a formal exception to class attendance.

Responsibility for making up missed class time lies with the student, including obtaining notes or assignments if provided.

For excused absences on the day an assignment is due, the submission deadline is extended to the following day. However, for unexcused absences, the assignment must still be submitted the next day, accompanied by a deduction of one letter grade. I encourage you to exchange phone numbers with your classmates to facilitate better communication.

10.2. Class Participation:

Participation in class discussions and activities is required.

10.3. Assignment Due Date:

Unless otherwise noted, projects and exercises will be due at the beginning of the class period for which they are assigned. **If the deadline is not met, 5 percentage points will be deducted from the assignment each day past the deadline.** The project **WILL NOT** be accepted after one week.

10.4. Procedures for Assignment Submission:

Assignments will be turned in either in person or on BlackBoard.

All assignment files turned in on BlackBoard should follow this layout:

FHSU_Course Number & Section_Semester Initial & Year_Assignment Name_Student First Initial & Last Name

Example: FHSU_ART212A_F2024_Assignment 01_CSchmidtberger

10.5. Test Make-up:

If an exam cannot be taken on the date given it will need to be taken beforehand if possible. If not, then it will be taken as soon as possible. It is the student's responsibility to discuss with the instructor about exam make-ups before the exam day.

10.6. Bonus Points or Extra Credit:

None

10.7. Collaboration Procedures:

In the event of a group project, every team member must actively engage in the project, contribute ideas, and collaborate effectively as part of the team.

10.8. Netiquette:

N/A

10.9. AI:

Students can use AI-generated texts on assignments in this course if instructor permission is obtained in advance and the content generated is properly cited. Unless permitted to use AI tools, each student is expected to complete each assignment without substantive assistance from others, including AI.

Unauthorized or suspected unauthorized use of AI will be subject to the FHSU Academic Honesty Policy and may result in a 0 for the assignment, failure of the course, and, if warranted, expulsion from FHSU.

11. UNIVERSITY POLICIES

11.1. [Academic Honesty](#)

11.2. [Attendance](#)

11.3. [Withdrawal](#)

11.4. [Student Accessibility Services](#)

11.5. [Health & Wellness Services](#)

11.6. [Title IX Policy](#)

FHSU is committed to fostering a safe and productive learning environment. Title IX makes it clear that violence and harassment based on sex, gender, and gender identity are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. This includes all types of gender and relationship violence, sexual harassment, sexual misconduct, domestic and dating violence, and stalking. If you wish to report an incident or have questions about school policies and procedures regarding Title IX issues, please contact Laurie Lerrick, University Compliance Officer and the FHSU Title IX Coordinator, at lelerrick@fhsu.edu or (785) 628-4175. The Compliance Officer can help connect you to campus and outside resources, discuss all of your reporting options, and assist with any concerns you may have.

11.7. [Career Services](#)

11.8. [Technology Services](#)

11.9. [Smarthinking](#)