ART 254: Computer-Assisted Interior Design

Fort Hays State University

College of Arts, Humanities, & Social Sciences
School of Visual & Performing Arts
Department of Art & Design
Colin Schmidtberger

1. COURSE INFORMATION

- Course Name: **ART 254 Computer-Assisted Interior Design**
- Credit Hours: **3**
- Semester and Year: **Spring 2026**
- Location of Class: **AD 101**
- Class Time: **Tuesday/Thursday 1:30 pm – 4:15 pm**
- 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**
- 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: ltsargent@fhsu.edu or Art&Design@fhsu.edu
- Phone Number: **(785) 628-4247**

3. TEXTBOOK AND COURSE MATERIALS

3.1. Required Textbook(s): N/A

3.2. Supplementary Book(s) and Article(s):
- Handouts given when necessary.
- (This book can help refresh your memory after taking this course.) Each year, there is a new version of this book to keep up with changes in the Revit software.

  Interior Design Using Autodesk Revit 2025: Introduction to Building Modeling for Interior Designers, Daniel John Stine, SDC Publications; **ISBN-10:** 1-63057-674-3, **ISBN-13:** 978-1-63057-674-5

  https://www.sdcpublications.com/Textbooks/Interior-Design-Using-Autodesk-Revit/ISBN/978-1-63057-674-5/

3.3. Required Materials:
- *SSD Card (1): (This will hold your projects and coursework from now until the end of your time in the FHSU ID Program)*
  - *SSD Option 1*
  - *SSD Card Carrying Case (Optional)*

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:
A deep dive into the high-powered software used in interior design for the purpose of communication with clients and other professionals.

4.2. Instructor Course Description:
A deep dive into the Revit system, along with the Enscape rendering software for enhanced design communication.

5. COURSE OBJECTIVES

5.1. Course Objectives:
- Acquire proficiency in the Autodesk Revit and Enscape software, interfaces, and their capabilities for enhanced designer communication.
- Demonstrate an understanding of the Autodesk Revit and Enscape software as a communication resource for designers.

5.2. Course Expectations:
- Students are required to meet the following CIDA standards:

- CIDA Professional Standards
  - Standard 5. Collaboration
    Interior designers collaborate and participate in interdisciplinary teams.
    - *Intent: This standard ensures graduates are able to work in teams and recognize the value of integrated design practices. Graduates are prepared to maximize their effectiveness in leadership roles or as contributing team members.*
      - d) technology-based collaboration methods specific to the problem-solving process for the built environment disciplines.

  - 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.*
      - 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.*
      - b) base-building structural systems and construction 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.

6. TEACHING. LEARNING METHODS. & COURSE STRUCTURE

6.1. Delivery Method: In-person Course

6.2. Instructional Approach: Direct Instruction

6.3. Course Structure: Lectures, tutorials, 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	Getting Started with Autodesk Revit (Interface, Command Keys, and Basic Model Navigation)			
Module/Week 2	Creating the basics in Autodesk Revit		Review #1	Week 03
Module/Week 3	Autodesk Revit: Helping the Interior Design (Annotations, Room and Furniture Tags, Space Programs, Schedules, and Printing) Autodesk Revit Materials, Design Options, and Detailing Modeling (Floors "carpet, ceramic, etc.", Walls, and Stairs and Railings		Review #2	Week 04
Module/Week 4	Modeling Content Creation		Review #3	Week 05
Module/Week 5	Content Creation		Review #4	Week 06
Module/Week 6	Autodesk Revit (put it all together)		Step-by-Step Project	Week 08
Module/Week 7	Autodesk Revit (put it all together)			

Module/Week 8	Midterm Practical Exam			
Spring Break				
Module/Week 9	Enhancing Skills in Autodesk Revit		Residential Home & Commercial Office	Week 13
Module/Week 10	Enhancing Skills in Autodesk Revit			
Module/Week 11	Enhancing Skills in Autodesk Revit			
Module/Week 12	Enhancing Skills in Autodesk Revit			
Module/Week 13	Enscape Basics		Residential Home & Commercial Office Materials and Rendering	Week 15
Module/Week 14	Enhancing Design Projects Using Enscape			
Module/Week 15	Enhancing Design Projects Using Enscape Final Practical Exam			
Module/Week 16	Final Practical Exam			

Schedule is subject to change

8. ASSIGNMENTS AND GRADING SCALE

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

Assessment Methods	How Many	Unit Points	Total Unit Points	Percentage

Review Assignments	4	5	20	10%
Project Assignments	3	20, 46, 28	94	40%
Midterm Exam	1	20	20	25%
Final Exam	1	20	20	25%
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 (*cjschmidtberger3@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_ART254A_S2026_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 Larrick, University Compliance Officer and the FHSU Title IX Coordinator, at lelarrick@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](#)