Fundamentals of Revit

INTD - 2370 001

Course Description

This course introduces Revit (building information modeling software-BIM) as it relates to the interior design field. This course teaches students how to create a plan-set including floor plans, elevations, and notations for a construction drawing plan set as used in a professional office environment.

Semester: Fall & Spring

Course Student Learning Outcomes

- Demonstrate the ability to navigate the Revit workspace, maintain dynamic drawings, and print the drawings.
- Demonstrate the ability to create entry level industry standard floor plans, sections, elevations and details for a set of building documents.
- Demonstrate the ability to create custom building objects (furniture, floors, ceilings, and mill work).
- Compose and apply professional annotations to building documents.
- Create 3 dimensional renderings using Revit that communicates a design concept for an interior.
- Demonstrate professionalism through time-management, demeanor, and working with others.

Engagement Plan

I will respond to email within 1day - if during Monday-Friday. I don't look at email on the weekend.

I will offer feedback on major assignments within 1 week.

The best way to contact me is via the Canvas Inbox or my SLCC email, kevin.king@slcc.edu

Required Text or Materials

Title: None

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

Keys for Success (how to succeed in the course)

Stay on top of the assignments.

Don't give up if you get behind. Reach out to me and let's talk and work out a plan to get you on schedule.

Ask if you ever have any questions.

Required Textbook & Materials

Required Materials for the class:

Book:

There is no required book for the course.

REVIT Software:

This course requires the use of REVIT software by Autodesk. Since this is vital to success in the class, it will be discussed in detail on the first day as well as through assignments

in CANVAS.

REVIT Software Access:

The software is available in the Classroom Computer Lab TB305B as well as adjoining lab TB 301B. The labs are open Monday - Friday. Please check the schedules posted outside and inside the labs to coordinate their use outside of class time. If there is a class in the lab, and there are seats available, you may ask the professor if you can sit in their class and work on your projects. Please respect their answer.

REVIT is also available for FREE download from Autodesk as a student. It is only for Windows OS. It will not run natively on an Mac products. Please see CANVAS and the Class Prep assignment for instructions on the process.

Brief Description of Assignments/Exams

You will work on creating contract document style drawings typically used in Interior Design for a residential and commercial project. The focus is on producing drawings that are complete, accurate, and not on design. Generally the designs are provided and you copy the design, producing the required drawings.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Extra Credit	Assignment	0
	Families for your use	Assignment	0
	Roll Call Attendance	Assignment	0

Due Date	Assignment Name	Assignment Type	Points
	Sheet Template - INTD 2370	Assignment	0
8/27/25	Background	Assignment	10
8/27/25	Class Prep	Assignment	20
8/27/25	REVIT Family.biz Families Agreement	Assignment	10
9/3/25	REVIT Real Residential - Find Plans	Assignment	10
9/3/25	REVIT Play I	Assignment	10

Grading Scale

Each assignment has points. Grades are based on total number of points. Make sure you review assignment point value to see how much each one impacts you total point grade.

Academic Integrity

It is expected that the REVIT model and drawings will be 100% of your work. It is understandable that you might receive help from the professor or tutors as needed, but the work is to be yours or you will be cheating, which is unacceptable.

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements.

By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

How to Navigate to Canvas

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)