FUNDAMENTALS OF REVIT
SLCC

INTD 2370 FUNDAMENTALS OF REVIT

Salt Lake Community College

TEXTBOOK & STUDY MATERIALS

A textbook is not required for this course. You may choose to purchase a study guide through SDC Publications:
Interior Design Using Autodesk Revit 2017. ISBN 978-1-63057-026-2.
https://www.sdcpublications.com/Textbooks/Interior-Design-Using-Autodesk-Revit/ISBN/978-1-63057-026-2/

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 notation for a construction drawing plan set as used in a professional office environment.

Evalutation

Your grade will be determined on a point system by class participation and attendance, weekly quizzes & assignments, and your final project. It is encouraged to check your grades regularly on Canvas. Extra credit opportunities will be provided throughout the semester including participating in Interior Design events. Please view the individual assignment totals in Canvas.

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).

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Computer Requirements:
In order to continue with this course, you are required to download the latest version of **Revit** and the associated **Revit Content Pack** which will require a compatible computer and mouse.

Watch this video about system computer requirementsLinks to an external site.

You will need a computer with these minimum system requirements site.site.. Ideally this should be Windows-based machine.

Mac users will be required to run ParallelsLinks to an external site. or Bootcamp Links to an external site.and your own copy of Windows before installing Revit.

Any optical mouseLinks to an external site. with a scroll wheel. No laptop trackpads are allowed.

Late Work:
LATE WORK IS NOT ACCEPTED IN THIS COURSE. Late work IS ONLY ACCEPTED IF ARRANGEMENTS ARE MADE PRIOR TO CLASS MEETING. Late work will be due the following class or will not be accepted. Each student will have one assignment dropped from his or her final grade.

Attendance:
ATTENDANCE IS REQUIRED. Absences must be scheduled PRIOR to class meeting to be excused in order for late work to be accepted. MORE THAN TWO ABSENCES WILL RE- SULT IN GRADE DEDUCTION. Students who arrive late will also get a deduction in their participation points.

Cheating Policy:
Students found cheating on an exam will be given a zero for the first offense. If it happens again, the student will receive an E for the entire course. There will be no tolerance for cheating.

Communication:
Please contact me through the Canvas Inbox. I will respond within 24 hours. I have office hours to meet over Zoom (as this is an online course) on Tuesdays and Fridays from 2:30 to 6:00 pm. Email me at least 30 minutes in advance to schedule a time slot.

Netiquette refers to how we communicate with each other online. All members of the class should follow these netiquette guidelines:

- Plagiarism is not tolerated. While there is no writing in this course, there are plenty of assignments. Submitting work that was not created by you is considered plagiarism.
- Be careful with your language. Consider others' feelings. Please do not use profanity.
- When posting in the attendance discussion boards, please be positive and uplifting to your peers and make any criticism constructive.
- Use capital letters sparingly. THEY ARE AGGRESSIVE AND SHOUTY.
- It is sometimes hard to understand tone and intention through text, so choose your humor carefully.
- Use proper grammar and complete sentences. Write in proper paragraphs; avoid abbreviations you'd use when texting. Reread work before sending.
- Only forward documents/emails if you've obtained the author's permission.

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STUDENT LEARNING OUTCOMES

After completing this course, students will be able to:	*Refer to the SLCC SLOs Key Below
Demonstrate the ability to navigate the Revit workspace, maintain dynamic drawings, and print the drawings.	1,6,7
Demonstrate the ability to create entry level industry standard floor plans, sections, elevations and details for a set of building documents.	1,2,4,7
Demonstrate the ability to create custom building objects (furniture, floors, ceilings, and mill work).	2,4,6,7
Compose and apply professional annotations to building documents.	1,2,6
Create 3 dimensional renderings using Revit that communicates a design concept for an interior.	2,4,7
Demonstrate professionalism through time-management, demeanor, and working with others.	6

SLCC is committed to fostering and assessing the following student learning outcomes in its programs and courses:
1. Acquire Substantive Knowledge
2. Communicate Effectively
3. Develop Quantitative Literacy
4. Think Critically and Creatively
5. Civic Engagement
6. Work Professionally and Constructively
7. Develop Computer and Information Literacy

Course Structure:

This is an online course, so time management will be important. Please see my communication policy and how to meet with me if you are struggling.
Each week will be information on   an aspect of Revit. Our weekly exercises and assignments will be a residential model. There will also be a short quiz and a discussion. The discussions are a chance to ask questions and share other insights on Revit.

Module 1   Discussion Topic 01 - Attendance   due by 11:59pm

Module 2   Discussion Topic 02 - Attendance   due by 11:59pm

                  Discussion Topic 03 - Attendance   due by 11:59pm

                  Discussion Topic 04 - Attendance   due by 11:59pm

                  Discussion Topic 05 - Attendance   due by

		11:59pm
	Discussion Topic 06 - Attendance	due by 11:59pm
	Discussion Topic 07 - Attendance	due by 11:59pm
	Discussion Topic Final - Attendance	due by 11:59pm
Module 3	Quiz 01 - Quiz	due by 11:59pm
	Assignment 01 - Assignment - Business Stand	due by 11:59pm
	Assignment 01 - Exercise - First Model	due by 11:59pm
Module 4	Quiz 02 - Quiz	due by 11:59pm
	Assignment 02 - Assignment - Business Stand PDF Export	due by 11:59pm
	Assignment 02 - Exercise - First PDF Set	due by 11:59pm
Module 5	Quiz 03 - Quiz	due by 11:59pm
	Assignment 03 - Assignment - Business Stand Other Views	due by 11:59pm
	Assignment 03 - Exercise - First Model Other Views	due by 11:59pm
Module 6	Assignment 04 - Assignment - House Design Part 2	due by 11:59pm
	Quiz 04 - Quiz	due by 11:59pm
Module 7	Assignment 05 - Exercise - House Annotations - Part 1	due by 11:59pm
Module 8	Assignment 05 - Assignment - House Annotations - Part 2	due by 11:59pm
	Quiz 05 - Quiz	due by 11:59pm
Module 9	Assignment 06 - Assignment - House Schedules & Electrical Plan Part 2	due by 11:59pm
	Assignment 06 - Exercise - House Schedules & Electrical Plan Part 1	due by 11:59pm
	Quiz 06 - Quiz	due by 11:59pm
Module 10	Assignment 07 - Assignment - House Addition Part 2	due by 11:59pm
	Assignment 07 - Exercise - House Addition Part 1	due by 11:59pm
	Quiz 07 - Quiz	due by 11:59pm
Module 11	Assignment Final - Deliverable 1: Existing Plans	due by 11:59pm

Module 12	Assignment [Final - Deliverable 2: Remodel Proposal](#)	due by 11:59pm
Module 13	Assignment [Final - Deliverable 3: Construction Documents](#)	due by 11:59pm
	Assignment [Helping a Peer - Extra Credit Assignment](#)	due by 11:59pm

Module 14-16
Final Project Labs

Assignments are weighted by group:

Group	Weight
Exercise	30%
Extra Credit	0%
Assignments	40%
Final	30%
Total	