**CATALOG DESCRIPTION**

This course explores the more in-depth features of the Revit Architecture program and expands on the basic 3D modeling techniques as well as introducing the more advanced features of the Revit Architecture program including but not limited to custom family creation, working with design options, rendering and sun/shadow studies. An emphasis is put on those features that will be most beneficial to the student as they enter the profession.
<table>
<thead>
<tr>
<th>Dates</th>
<th>Modules</th>
<th>Topics / Readings</th>
<th>Assignments Due</th>
</tr>
</thead>
</table>
| Prior to Semester Start and May 18 – May 22 | Module 0 | Instructor and Student Introduction  
Course orientation  
Syllabus Review  
View Course Guide Presentation | Student Introduction            |
| Week 1  
May 23 – May 29 | Module 1 & 2 | Chapter 1 - 5  
Basic BIM/Revit Fundamentals, Templates, and Families  
Presentation Video | Assignment 1  
Quiz 1          |
| Week 2  
May 30 – June 5 | Module 3 | Chapter 6 – 7 Modeling Principles in Revit, Presentation Video | Assignment 2  
Quiz 2          |
| Week 3  
June 6 – June 12 | Module 4 | Chapter 8 - 9 Conceptual Mass Presentation Video | Assignment 3  
Quiz 3          |
| Week 4  
June 13 - June 19 | Module 5 | Chapter 10 – 11 Working with Design Options Creating Custom 3D Content, Presentation Video | Assignment 4  
Quiz 4          |
| Week 5  
June 20–June 26 | Module 6 & 7 | Chapter 12, 13, 14  
Extended Modeling Tech for Walls, Roofs, Floors, Railings  
Presentation Video | Assignment 5  
Quiz 5          |
| Week 6  
June 27 – July 3 | Module 8 & 9 | Chapter 15 – 18 Presentation Techniques Sustainability  
Presentation Video | Assignment 6  
Quiz 6          |
| Week 7  
July 4 – July 10 | Module 10 | Chapter 19 – 20 Annotating, Workflows, Presentation Video | Assignment 7  
Quiz 7          |
| Week 8  
July 11 – July 17 | Module 11 | Chapter 21 – 22 Detailing Techniques, Presentation Video | Assignment 8  
Quiz 8          |
| Week 9  
July 18 – July 24 | Module 12 | Chapter 23 - 24 Tracking Changes and Worksharing  
Presentation Video | Assignment 9  
Quiz 9          |
| Week 10  
July 25 – Jul 28 | Final Exam | Final Exam Project Instructions | Final Exam          |
COURSE SCHEDULE
This fully online course begins with a partial week online course orientation period to familiarize yourself with the online learning environment and to meet online or via the phone with your instructor. Details about each Module will be posted on Monday at 12:00 am and due before Sunday at 11:59 pm. Please do not hesitate to keep in touch via email or phone if you have any questions or concerns. Thank you.

Grade Calculations | Points
--- | ---
Student Introduction | *
Student Evaluation Final | 10
8 Discussion Board Tips @ 10 pts | 80
9 Assignments @ 60 pts | 540
9 Quizzes @ 30 pts | 270
Final Exam | 100
**Total Possible Points** | **1000**

Online Participation is required

Class Points | Letter Grade
--- | ---
930 and above | A
900 – 929 | A-
870 – 899 | B+
830 – 869 | B
800 – 829 | B-
770 – 799 | C+
700 – 769 | C
680 – 699 | C-
660 – 679 | D+
630 – 659 | D
600 – 629 | D-
590 and below | F

It is important for you as students to know what to expect from me as your instructor:
- I will be available to you via e-mail and phone, and will promptly reply to your messages.
- I will be available to you for face-to-face appointments as requested.
- I will maintain the Blackboard web site with current materials, and will resolve any content-related problems promptly as they are reported to me.
- I will send out a weekly e-mail update to all class members to guide upcoming work and remind you of assignment due dates.
- I will return all assignments to you promptly, and will include individualized comments and suggestions with each assignment.
- I will hold our personal written or verbal communications in confidence. I will not post any of your assignments for viewing by the class without requesting your approval in advance.
- I will treat all members of the class fairly, and will do my best to accommodate individual learning styles and special needs.
- If any of these points need clarification, or when special circumstances arise that require my assistance, please contact me so that we can discuss the matter personally.

PRACTICAL GUIDELINES FOR CLASS LOAD EXPECTATIONS
The number of hours each week will vary based on assignment due dates. Please plan ahead to insure that you schedule your academic, work, and personal time effectively.

Please see the LTU Online “Current Students” web site [http://www.ltu.edu/ltuonline/](http://www.ltu.edu/ltuonline/) for comprehensive information about Lawrence Tech’s academic services, library services, student services, and academic integrity standards.
CLASS POLICIES AND EXPECTATIONS

- If an assignment or quiz is late, there will be a 20% deduction of the total possible points. (Example: a 60 point assignment grade is only worth 48 points or 80%). Once an assignment is late, it's late, so whether you turn it in one day late or one month late it will get deducted the same amount of points.
- While late submissions will be accepted with deductions, please let your instructor know if you are having difficulty over an extended period. Please treat this as any other university course and uphold your responsibility to participate and to inform your instructor of any major issues in a timely manner.
- The Discussion Board Revit Architecture tips can be submitted at any point during the semester. Refer to the Discussion Board within Blackboard for more information.
- Each student has a LTU email account. If you wish to use a different email address for this course, please change your email address in Blackboard under “Blackboard Tools”, then “Personal Information” and send an email to me so I can store your address in my email directory.
- Readings, discussion forum participation, assignments and quizzes must be completed according to the class schedule. It is important to contact me as needed to discuss personal needs regarding course requirements and assignments.
- It is essential that all students actively contribute to the course objectives through their experiences and working knowledge.
- All assignments must be submitted on schedule, via Blackboard, and using Microsoft Office compatible software. If you need to submit an assignment via email, contact me in advance.
- Assignments must be completed to an adequate standard to obtain a passing grade. Requirements for each assignment are detailed in this syllabus.
- At midterm and at the end of the course, you will be invited to participate in a University evaluation of this course. Your feedback is important to the University, to LTU Online, and to me as an instructor, and I encourage you to participate in the evaluation process. Refer to Grade Calculations.  
  Note: Grades lower than a “B” fall below the LTU graduate standard.

LTU Leadership Transcripts

The leadership transcript enables students to track co-curricular activities that are undertaken above and beyond the requirements of the LTU curriculum. The leadership transcript serves students by enhancing the leadership portfolio; providing the opportunity for a transcript of distinction; enhancing their resumes; and assisting in articulating leadership experience. It can be accessed by logging on to Banner Web and clicking the Student and Financial Aid tab. Leadership Activities is located at the bottom of the list.