

COURSE TITLE BLACKBOARD SITE	ARC 4813 - Advanced Revit Online Spring 2011 – http://my.ltu.edu and select 3425-Advanced Revit
INSTRUCTOR	Mrs. Jessica (Kaadou) Marji Adjunct Faculty - Lawrence Tech University Contact Information Email: jkaadou@ltu.edu Cell phone number: 248.390.2243 Office hours by appointment
SCHEDULE	January 10, 2010 – May 07, 2010 See http://www.ltu.edu/registrars_office/calendar_final_exam.index.asp for LTU academic calendar information.
LEVEL/ HOURS PREREQUISITE	College of Architecture and Design Course/ 3 credit hours Must have Revit Architecture experience or proof of proficiency.
REQUIRED TEXT (See Blackboard for additional resources)	Mastering Revit Architecture 2010 by Greg Demchak, Tatjana Dzambazova and Eddy Krygiel, Wiley Publishing, Inc., ISBN: 978-0-470-45649-1 Available for online purchase through LTU Bookstore at: http://lawrence-tech1.bkstore.com/bkstore/TextbookSelection.do?st=489
ADDITIONAL RESOURCES	LTU Online student resources: http://www.ltu.edu/ltuonline/
TECHNICAL SUPPORT	Technical support for using Blackboard is provided by the Helpdesk. Visit www.ltu.edu/ehelp or 248.204.2330 or helpdesk@ltu.edu

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.

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.

COURSE SCHEDULE FOR TRADITIONAL SEMESTER COURSES

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.

Dates	Modules	Topics / Readings	Assignments Due
Prior to Semester Start and Jan 10 – Jan 12	Module 0	Instructor and Student Introduction Course orientation Syllabus Review View Course Guide Presentation	Student Introduction
Week of Jan 12 – Jan 16	Module 1	Chapter 1 - 3 Basic BIM/Revit Fundamentals and Basic Editing Tools Presentation Video	Assignment 1 Quiz 1 Module 1
Week of Jan 17 – Jan 23	Module 2	Chapter 4 - 5 Setting Up Your Templates Customizing System Families Presentation Video	Assignment 2 Quiz 2 Module 2
Week of Jan 24 – Jan 30	Module 3	Chapter 6 - 7 Modeling Principles in Revit Presentation Video	Assignment 3 Quiz 3 Module 3
Week of Jan 31 – Feb 6	Module 4	Chapter 8 - 9 Conceptual Mass Presentation Video	Assignment 4 Quiz 4 Module 4
Week of Feb 7 – Feb 13	Module 5	Chapter 10 - 11 Working with Design Options Creating Custom 3D Content Presentation Video	Assignment 5 Quiz 5 Module 5
Week of Feb 14 – Feb 20	Module 6	Chapter 12 Extended Modeling Tech for Walls Presentation Video	Assignment 6 Quiz 6 Module 6
Week of Feb 21 – Feb 27	Module 7	Chapter 13 - 14 Modeling Tech for Roofs, Floors, Railings, Fences Presentation Video	Assignment 7 Quiz 7 Module 7
Week of Feb 28 – Mar 6	Module 8	Mid-Term Exam	Mid-Term <i>Project</i> : Assignment 8 Mid-Term <i>Exam</i> : Quiz 8

Dates	Modules	Topics / Readings	Assignments Due
Mid-semester Break – No Classes			
Week of Mar 14 – Mar 20	Module 9	Chapter 15 - 16 Presentation Techniques Presentation Video	Assignment 9 Quiz 9 Module 9
Week of Mar 21 – Mar 27	Module 10	Chapter 17 - 18 Preliminary Design: Sustainability Presentation Video	Assignment 10 Quiz 10 Module 10
Week of Mar 28 – Apr 3	Module 11	Chapter 19 - 20 Annotating Your Model Developing the Design with Smart Workflows Presentation Video	Assignment 11 Quiz 11 Module 11
Week of Apr 4 – Apr 10	Module 12	Chapter 21 - 22 Design to Advanced Detailing Techniques Presentation Video	Assignment 12 Quiz 12 Module 12
Week of Apr 11 – Apr 17	Module 13	Chapter 23 Tracking Changes in Your Model Presentation Video	Assignment 13 Quiz 13 Module 13
Week of Apr 18 – Apr 24	Module 14	Chapter 24 Worksharing Presentation Video	Assignment 14 Quiz 14 Module 14
Week of Apr 25 – May 1	Module 15	Appendix A & B Chapter Review and additional information Presentation Video	Assignment 15 Quiz 15 Module 15
Week of May 2 – May 7	Final Exam	Course Summary Presentation Video End of Course	Final Exam

PRACTICAL GUIDELINES FOR CLASS LOAD EXPECTATIONS

A three-credit course generally requires at least nine hours per week of time commitment. Here are some practical guidelines to help schedule your time commitments for this online course:

- A 14-week semester would require at least 126 hours of time commitment to successfully complete all activities as described in this syllabus.
- You should reserve at least 6 hours per week to complete the activities.

These guidelines may not reflect the actual amount of outside time that you – as a unique individual with your own learning style – will need to complete the course requirements. 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/> for comprehensive information about Lawrence Tech’s academic services, library services, student services, and academic integrity standards.

Grade Calculations	Points
Student Introduction	*
Student Evaluation Mid-Term	10
Student Evaluation Final	10
5 Discussion Board Tips @ 10 pts	50
15 Assignments @ 30 pts	450
14 Module Quizzes @ 20pts	280
Mid-Term Exam	100
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

CLASS POLICIES AND EXPECTATIONS

- ✚ If an assignment or quiz is late than there will be a 20% deduction of the total possible points (Example: a 30 point assignment grade is only worth 24 points). 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 please 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.