COURSE TITLE **BLACKBOARD SITE**	ARC 4813-02 - Advanced Revit Online Spring 2012 – http://my.ltu.edu and select CRN 3461
INSTRUCTOR	**Mrs. Jessica (Kaadou) Marji** Adjunct Faculty - Lawrence Tech University Contact Information Email: jkaadou@ltu.edu
SCHEDULE	January 16 – May 12, 2012 Refer to http://www.ltu.edu/registrars_office/calendar_final_exam.index.asp for the last date to withdraw and other important registration related 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 Autodesk Revit Architecture 2011 by Eddy Krygiel, Phil Read, and James Vandezande, Wiley Publishing, Inc., ISBN: 978-0-470-62696-2 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, 248.204.2330 or helpdesk@ltu.edu. Send the Help Desk a form detailing any issues by clicking here http://tinyurl.com/3yqrvne.

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.

STUDENT LEARNING OUTCOMES

Upon completion of this class students will understand the advanced features of Revit as they apply to real-world application.

OBJECTIVES

Students will learn about powerful modeling techniques, design documentation, presentation graphics, parametric design, workflow topics, and strategies for sustainable design.
Students will demonstrate their understanding of the advanced Revit features by using a preliminary model to build a productive single database for architectural design and documentation.

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. The assignments are smaller than an introduction class because you will be starting with a developed project or creating part of a project to learn advanced Revit features. 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 if you have any questions or concerns. Thank you.

Dates	Modules	Topics / Readings	Assignments Due
Prior to Semester Start and Jan 16 – Jan 18	Module 0	Overview of textbook Online Learning Orientation Course Orientation and group formation	Course orientation Instructor and student introduction.
Week of Jan 16 – Jan 18	Module 1	Chapter 1 – 3 Fundamentals	Assignment 1 Quiz 1
Week of Jan 23 – Jan 29	Module 2	Chapter 22, 9, 10 In the classroom, Modeling, Massing, Conceptual Design, Sustainability	Assignment 2 Quiz 2
Week of Jan 30 – Feb 5	Module 3	Chapter 11 Phasing, Groups, Design Options	Assignment 3 Quiz 3
Week of Feb 6 – Feb 12	Module 4	Chapter 12, 20 Visualization, Presenting Your Design	Assignment 4 Quiz 4
Week of Feb 13 – Feb 19	Module 5	Chapter 13 Walls and Curtain Walls	Assignment 5 Quiz 5
Week of Feb 20 – Feb 26	Module 6	Chapter 14, 16 Floors, Ceilings, Roofs, Stairs and Railings	Assignment 6 Quiz 6
Week of Feb 27 – March 4	Module 7	Chapter 15 Family Editor	Assignment 7 Quiz 7
Week of Mar 5 – Mar 11	**Module 8/ Mid-Term**	**Mid-Term**	**Midterm Assignment 8** **Midterm Quiz 8** **Midterm Exam**
Week of Mar 12 – Mar 18	*No Module*	*Mid – Semester Break*	*Nothing Due*
Week of Mar 19 – Mar 25	Module 9	Chapter 17-19 Detailing, Documenting and Annotating Your Design	Assignment 9 Quiz 9
Week of Mar 26 – Apr 1	Module 10	Chapter 4-6 Standards, Management, Worksharing	Assignment 10 Quiz 10

Dates	Modules	Topics / Readings	Assignments Due
Week of Apr 2 – Apr 8	Module 11	Chapter 7, 8 Collaboration with Consultants, Multiplatform	Assignment 11 Quiz 11
Week of Apr 9 – Apr 15	Module 12	Chapter 21 Revisions, Markups	Assignment 12 Quiz 12
Week of Apr 16 – Apr 22	Module 13	Chapter 23, 24 Construction and Beyond	Assignment 13 Quiz 13
Week of Apr 23 – Apr 29	Module 14	Chapter 25-27 Construction and Beyond	Assignment 14 Quiz 14
Week of Apr 30 – May 6	Module 15	Appendices: Review, Troubleshooting, Autodesk Certification Exams	Assignment 15 Quiz 15
Week of May 7 – May 12	**Final Exams**	**Final Exam Information**	**Final Exam**

STUDENT EVALUATION - ASSIGNMENT DETAILS

Important Dates or your information *(refer to the 2011-2012 Academic Calendar for full calendar)*

- *Last day to register: January 15*
- *First day of classes: January 16 (Also Martin Luther King Day celebration)*
- *Last day to drop & receive a refund: January 27*
- *March 12 – March 17: Mid-Semester Break (No Classes)*
- *Last day to withdraw: April 9*

Grade Calculations	Points
Student Introduction	*
Student Evaluation Mid-Term	10
Student Evaluation Final	10
5 Discussion Board Tips @ 10 pts	50
15 Assignments	520
14 Assignments @ 30 pts = 420 1 Mid-term Assignment @ 100	
15 Quizzes	310
14 Quizzes @ 20pts = 280 1 Mid-term Quiz @ 30	
Final Exam	100
Total Possible Points	**1000**
Online Participation is required	

Points Earned	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 when necessary, and will promptly reply to your messages.
- As this is a 100% online course, I will not be holding office hours or be available for in-person appointments. If I was, this would put long-distance students at a disadvantage. If you have any issues, email me / schedule a phone appointment for anything extensive.
- 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 post a weekly announcement 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 as necessary.
- 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.

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 or Revit compatible software. If you need to submit an assignment via email, please let me know why you didn't submit it via Blackboard.
- Assignments must be completed to an adequate standard to obtain a passing grade. Requirements for each assignment are detailed in their respective module instructions.
- 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. Each evaluation is worth 10 points (refer to the above Grade Calculations).
- ***Note: Grades lower than a "B" fall below the LTU graduate standard***

Undergraduates: 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.