COURSE SYLLABUS

Instructor: Jin Gyu "Phillip" Park, Ph.D., Assistant Professor
Office Hours: TR 11:00–12:00 pm or by appointment
Office: ART 206, E-mail: phillip.park@unt.edu

COURSE DESCRIPTION:
This course introduces basic AutoCAD & Revit Architecture application for the production of industry standard drawings for both design presentation and construction documentation. Prerequisites: ADES 2630 and ADES 2640.

COURSE OBJECTIVES:
Through participation in course discussions and completion of course assignments, students will acquire and demonstrate competency in the following AutoCAD & Revit Architecture drafting skills:

AutoCAD	*Revit Architecture*
• AutoCAD Interface • Basic Commands • Drawing Setup • Drawing Standard & Organization • Titleblock & Template • Model & Paper Spaces • External Referencing • Layers & Blocks • Texts & Annotation • Dimensioning • Printing & Plotting	• Basics of BIM • Revit Architecture Interface • Basic Toolbox • Modeling Techniques • Annotating • Dimensioning • Documenting • Printing & Plotting

COURSE STRUCTURE:
This course is offered in a lecture/lab format with 6 contact hours per week. The course consists of drafting projects and in-class exercises. Students will complete in-class exercises and discuss topics each class session. Individual review will be limited if it intervene overall course progress. Some exercises may be required outside of regular class hours.

REQUIRED SUPPLIES:
A flash drive (at least 256MB, approximately $6 at Amazon.com but the price may vary depends on seller) for electronic data storage or an equivalent equipment is necessary in each class period. Students are responsible for saving their data on this personal storage device. Students are extremely encouraged to have **at least 2 backup** of their data.

RESOURCES:
These books are for your reference only. The book prices may vary depends on seller.

AutoCAD: First two books are good for the beginner and the last one is for the intermediate or advanced user.

Douglas Seidler (2012). *Digital drawing for designers: A visual guide to AutoCAD 2012*. Fairchild Publications. ISBN: 978-1609014117 (Approximately $90 at Amazon.com).

Donnie Gladfelter (2012). *AutoCAD 2013 and AutoCAD LT 2013: No Experience Required*. Sybex Publisher, ISBN-13: 978-1118281741 (Approximately $30 at Amazon.com).

George Omura & Brian Benton (2012). *Mastering AutoCAD 2013 and AutoCAD LT 2013*. Sybex Publisher, ISBN-13: 978-1118174074 (Approximately $35 at Amazon.com).

Revit Architecture: The former book is for the beginner and the latter is for the intermediate or advanced user.

Patrick Davis (2011) *Introducing Autodesk Revit Architecture 2012*. Sybex Publisher, ISBN-13: 978-1118029961 (Approximately $30 at Amazon.com).

James Vandezande, Phil Read, and Eddy Krygiel (2012) *Mastering Autodesk Revit Architecture 2013*. Sybex Publisher, ISBN-13: 978-1118174081 (Approximately $40 at Amazon.com).

STUDENT EVALUATION:
Grades will be determined by a weighted average of the grades earned for the attendance, participations, in-class exercises, and projects. Students MUST demonstrate their mastery of techniques introduced IN CLASS TO THE INSTRUCTOR.

Exercises:	10%
Project 1:	20%
Project 2:	30%
Project 3:	20%
Project 4:	20%

A letter grade will be submitted on the basis of the weighted average as follows:

A weighted average of:	**will earn a letter grade of:**
90% and above:	A (Excellent work)
80% to 89.99%:	B (Good work)
70% to 79.99%:	C (Average work)
60% to 69.99%:	D (Poor work)
Anything below 60%:	F (Failing work)

ATTENDANCE:
Attendance is mandatory since the majority of work is performed in class. Punctuality is required and considered an indication of professionalism and responsibility. Late arrivals (15 minutes after the start of class) and early departures (prior to the last 15 minutes of class) will be considered an absence. Work on courses other than the course in class time will also be considered an absence.

- Four unexcused absences will result in a letter grade reduction in the final grade.
- Each subsequent absence will result in a further letter grade reduction.
- Eight unexcused absences will result in automatic failure of the course.

The Absence Verification form is available in the Dean of Students Office suite 2161 in the Union. Approved absences are those due to medical emergency or death in the immediate family. Both excused and unexcused absences affect your class experience. Students are responsible for signing the role, tracking their absences, and obtaining any missed material from their classmates. Each student will be held individually responsible for responding to announcements regarding any and all aspects of this course, and for receiving and storing all handouts. Each student is also individually responsible for acquiring lecture notes from a classmate if he or she misses a given class session.

The instructor will not repeat material missed due to absence. Student with more than four absences should contact the instructor about completing the project or course. The best method of contacting the instructor is via email at phillip.park@unt.edu

LATE WORK:
Unless otherwise noted, assignments and projects are due at the beginning of the class period designated. Late assignments will be reduced one letter grade for each additional late class period. Students with unexcused absences will receive a score of "0", and CANNOT turn in work that was due that day. No emails of work will be accepted. Students with excused absences may make up missed work within 2 class periods after returning to class, unless otherwise excused by the instructor.

SHARED FILES AND PLAGIARISM:
Each student's work will be generated independently unless otherwise noted. Electronic drawings, assignments, and examinations are considered original work and are not to be shared between students. All work assigned as part of this course is governed under University plagiarism policies.

INCOMPLETE:
An Incomplete is reserved *solely* for extenuating circumstances (such as a major illness or severe family crisis) and will be granted at the discretion of the instructor. If an Incomplete is granted, the student must complete the unfinished work on or before the date specified by the instructor when the Incomplete is granted. An Incomplete Contract must be completed prior to the end of the semester and filed in the Department Office. Failure to complete the entire work assignment on or before the specified completion date will result in a final grade of an "F" with no consideration given to partially completed work.

AMERICAN DISABILITIES ACT:
The College of Visual Arts and Design is committed to full academic access for all qualified students, including those with disabilities. In keeping with this commitment and in order to facilitate equality of educational access, faculty members in the College will make reasonable accommodations for qualified students with a disability, such as appropriate adjustments to the classroom environment and the teaching, testing, or learning methodologies when doing so does not fundamentally alter the course.

If you have a disability, it is your responsibility to obtain verifying information from the Office of Disability Accommodation (ODA) and to inform the instructor of your need for an accommodation. Requests for accommodation must be given to the instructor no later than the first week of classes for students registered with the ODA as of the beginning of the current semester. If you register with the ODA after the first week of classes, your accommodation requests will be considered after this deadline.

Grades assigned before an accommodation is provided will not be changed. Information about how to obtain academic accommodations can be found in UNT Policy 18.1.14, at www.unt.edu/oda, and by visiting the ODA in Room 321 of the University Union. You also may call the ODA at 940.565.4323.

COURSE RISK FACTOR:
This course has been assigned a level 1 Risk Rating. Students in this course are not exposed to significant hazards and are not likely to suffer any bodily injury. Students will be informed of any potential health hazards or potential bodily injury connected with the use of any materials and/or processes and will be instructed how to proceed without danger to themselves or others.

BUILDING EMERGENCY PROCEDURES:
In case of emergency (alarm will sound), please follow the building evacuation plans posted on each floor of your building and proceed to the nearest parking lot. In case of tornado (campus sirens will sound) or other weather related threat, please go to the nearest hallway or room on your floor without exterior windows and remain there until an all clear signal is sounded. Follow the instructions of your teachers and act accordingly.

CENTER FOR STUDENT RIGHTS AND RESPONSIBILITIES:
Each University of North Texas student is entitled to certain rights associated with higher education institutions. See www.unt.edu/csrr for further information.

PRECAUTIONS:
No other course work. No food or drinks are allowed in the lab. No mobile phones are to be audible during class hours unless permitted by the instructor. No radios, tape, CD, or mp3 players during class hours. No pets and guests are allowed in class. Lastly, university furniture and equipment are to be treated with care.

RETENTION/REPRODUCTION OF STUDENT WORK:
The Department reserves the right to display student work at any time for the purpose of public relations and to reproduce student work in any form. The instructor may request duplication of exemplary student work to be retained for use in future classes.

Works of currently enrolled students may also be used in the educational process and student enrolling in this major will automatically consent to engage in these activities, as this is a natural educational process within a studio setting.

See *Permission to Use Student Work / UNT Legal Model Release Forms* as posted on the College of Visual Arts and Design website.

FINAL DISCLAIMER:
The instructor reserves the right to alter this syllabus if and when necessary.

Student Acknowledgement Form

I acknowledge that I have read the course syllabus. I understand the information on the syllabus such as course structure, grading and attendance policies, the risk factor rating, etc. I hereby agree to the syllabus and its provisions.

☐ ADES 3620-Interior Design: AutoCAD, Section 501
☐ ADES 3620-Interior Design: AutoCAD, Section 502
Course number, title, and section (please check)

1
Risk Factor Rating

I ☐ agree ☐ do not agree to the terms and conditions outlined in the *Permission to Use Student Work* contract.

I ☐ agree ☐ do not agree to the terms and conditions outlined in the *UNT Legal Model Release Form* contract.

Student name: _____

Phone number: _____

E-mail address: _____

Student signature _____ Date _____

Jin Gyu "Phillip" Park
Instructor name

_____
Instructor Signature

_____
Date

Section 501: TR 8:00-10:50am; Section 502: TR 2:00-4:50pm; Classroom: ART 233

COURSE SCHEDULE

Due to the nature of this class, the schedule is subject to change.

Week	Date	Topic	Remark
1	8/30	Course Overview; Lab Orientation; Exploration of Interface, Menu & Settings	
2	9/04	Basic Commands	In-Class Exercises
	9/06	Basic Commands	In-Class Exercises
3	9/11	Project Overview; Drawing Setup; Titleblock & Template	Project 1 Introduction
	9/13	Floor Plan; Layer; Block; Door & Window	
4	9/18	Model Space vs. Paper Space; Layout	
	9/20	Elevations; Sections: Stair Design	
5	9/25	Reflected Ceiling Plans	
	9/27	Text & Annotation; Dimensioning; Plotting	
6	10/02	Construction Documents Organization	**Project 1 Due**
	10/04	Project Overview; Floor Plan	Project 2 Introduction
7	10/09	Drawing Furniture & Staircase	
	10/11	Elevations & Sections	
8	10/16	Reflected Ceiling Plan & Lighting Plan	
	10/18	Model Space vs. Paper Space; Layout	
9	10/23	Text & Annotation; Dimensioning; Plotting	
	10/25	Construction Document Organization	**Project 2 Due**
10	10/30	Building Information Modeling; Revit Interface & Menu	Project 3 Introduction
	11/01	Interface; Basic Commands; Basic Modeling	
11	11/06	Linework, Modify Tools	
	11/08	Floor Plan; Ceiling Plan	
12	11/13	Roof Plan: Site Plan; Elevations; Sections	
	11/15	Text & Annotation; Dimensioning; Plotting	
13	11/20	Construction Document Organization	**Project 3 Due**
	11/22	Thanksgiving	
14	11/27	Advanced Wall Types; Floor Plan	Project 4 Introduction
	11/29	Floor systems, Roof, Dimensions	
15	12/04	Floor Plan; Ceiling Plan	
	12/06	Roof Plan: Site Plan; Elevations; Sections	
16	12/11	Construction Document Organization	**Project 4 Due**