COURSE SYLLABUS

Instructor: Jin Gyu "Phillip" Park, Ph.D., Associate Professor
Office Hours: TR 9:30–11:00 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 approach to the studio is that of a professional office work environment. Course content, work habits, and studio etiquette are all consistent with the requirements of an interior design career. The course consists of drafting projects and in-class exercises. Students will work in the lab as required, and participate in discussion and critiques during class hours. 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 backups** 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.
  Donnie Gladfelter (2015). *AutoCAD 2016 and AutoCAD LT 2016: No Experience Required*. Sybex Publisher, ISBN: 978-1119059554 (Approximately $38 at Amazon.com).
  Douglas Seidler (2016). *Digital drawing for designers: A visual guide to AutoCAD 2017*. Bloomsbury Publishing. ISBN: 978-1501318122 (Approximately $110 at Amazon.com).

George Omura & Brian Benton (2016). *Mastering AutoCAD 2017 and AutoCAD LT 2017*. Sybex Publisher, ISBN: 978-1119240051 (Approximately $50 at Amazon.com).

Revit Architecture: The former book is for the beginner and the latter is for the intermediate or advanced user.
Eric Wing (2016) *Autodesk Revit Architecture 2017: No Experience Required.* Sybex Publisher, ISBN: 978-1119243304 (Approximately $35 at Amazon.com).
Kim Marcus, Lance Kirby, & Eddy Krygiel (2016) *Mastering Autodesk Revit Architecture 2017.* Sybex Publisher, ISBN: 978-1119240006 (Approximately $50 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. Each project will be evaluated after the announced due date. Upon successful completion of all assignments and projects, total project scores and daily grades will be averaged and converted into a final letter grade using the following percentages. ***Please note that failure of any one project will lead to failing this course.***

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

Exercises: Students will involve analyzing orthographic images of objects and drafting them using AutoCAD. Students will experiment basic commands and settings throughout the exercises.
Project 1: This project is to generate fundamental construction documents of an apartment unit using AutoCAD. Basic techniques will be introduced and students will generate a floor plan, an elevation and a section of the unit.
Project 2: This project is to generate a set of construction documents of a residential house design using AutoCAD. Students will reinforce their experience in residential design gain exposure to a timber-frame structural building system. This project will require the development of more detailed construction documents.
Project 3: This project is to produce construction documents of a two-story building as either residential or commercial environment using Revit Architecture.

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: ***No credit for Interior Design major***)
Anything below 60%:	F (Failing work: ***No credit for Interior Design major***)

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.

- Three 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.

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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 and projects 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 unless specified. 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 University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Office of

Disability Accommodation website at http://www.unt.edu/oda. You may also contact them by phone at 940.565.4323.

DISABILITIES ACCOMMODATION:
Please notify the instructor if you have a disability that requires accommodation. It is also recommended that you register with the UNT Office of Disability Accommodation, Student Union, Room 318. The College of Visual Arts and Design policy on accommodation is available upon request in the CVAD Dean's offices, Room 107. Further questions and problems on accommodation may be addressed to Associate Dean Eric Ligon, School Accommodation Liaison, Art Building, Student Advising, Room 111.

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.

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.

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.

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.

STUDENT PERCEPTIONS OF TEACHING (SPOT):
The Student Perceptions of Teaching (SPOT) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SPOT to be an important part of your participation in this class.

RETENTION/REPRODUCTION OF STUDENT WORK:
All students must read the *Model Release Form* and the *Publication Release Form* posted on the CVAD Website. (See pull-down menu, "CVAD Student Information.") It is the student's responsibility to document their work for personal purposes. Students will be allowed to photograph their work prior to retention.

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

STUDENT ACKNOWLEDGEMENT:
Please read the syllabus, Permission to Use Student Work, and UNT Legal Model Release Form thoroughly. As you understand information on the syllabus and the publication policies, sign the student acknowledgement form on next page and turn it in to the instructor.

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   **1**
     Course number, title, and section (please check)   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: (UNT Email Only) _____

Student signature _____   Date _____

Jin Gyu "Phillip" Park _____   _____
Instructor name   Instructor Signature   Date

COURSE SCHEDULE

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

Week	Date	Topic	Remark
1	8/30	Course Overview Exploration of AutoCAD Interface, Menu & Settings	
1	9/01	Basic Commands	In-Class Exercise
2	9/06	Basic Commands	In-Class Exercise
2	9/08	Basic Commands	In-Class Exercise
3	9/13	Basic Commands	In-Class Exercise
3	9/15	Project 1 Overview; Drawing Setup; Titleblock & Template	
4	9/20	Floor Plan; Layer; Block; Door & Window	
4	9/22	Model Space vs. Paper Space; Layout	
5	9/27	Elevations; Sections	
5	9/29	Lighting Plans	
6	10/04	Text & Annotation; Dimensioning; Plotting	
6	10/06	Construction Documents Organization	
7	10/11	Construction Documents Organization	**Project 1 Due**
7	10/13	No class due to faculty's conference attendance	
8	10/18	Project 2 Overview; Floor Plan	
8	10/20	Drawing Furniture & Staircase	
9	10/25	Elevations & Sections	
9	10/27	Lighting Plans	
10	11/01	Model Space vs. Paper Space; Layout	
10	11/03	Text & Annotation; Dimensioning; Plotting	
11	11/08	Construction Document Organization	
11	11/10	Construction Document Organization	**Project 2 Due**
12	11/15	Project 3 Overview; BIM, Revit Interface & Menu	
12	11/17	Interface; Basic Commands; Basic Modeling	
13	11/22	Linework, Modify Tools	
13	11/24	Thanksgiving	
14	11/29	Floor Plan; Ceiling Plan	
14	12/01	Roof Plan: Site Plan; Elevations; Sections	
15	12/06	Advanced Wall Types; Floor Plan	
15	12/08	Text & Annotation; Dimensioning; Plotting	
16	12/13	Construction documentation	**Project 3 Due**
16	12/15	Project Return	