

Syllabus for [DT 71 Architectural Drafting Techniques] – Eureka Campus		
<b>Semester &amp; Year</b>	Spring '16	
<b>Course ID and Section #</b>	DT71 E9310	
<b>Instructor's Name</b>	Paul Kinsey	
<b>Day/Time</b>	M/W 10:05-12:30	
<b>Location</b>	AT 105	
<b>Number of Credits/Units</b>	3	
<b>Contact Information</b>	<i>Office location</i>	AT 124
	<i>Office hours</i>	T 11:00-1:00
	<i>Phone number</i>	707.476.4349
	<i>Email address</i>	paul-kinsey@redwoods.edu
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	<u>Architectural Drafting and Design</u> . Clifton Park, N.Y.: Del Mar/Thomson Learning.
	<i>Author</i>	Jefferis, A. and Madsen, D. (2011).
	<i>ISBN</i>	13:978-4354-8162-6
<b>Course Description</b>		
A study of drafting with an emphasis on the development of architectural plans. Students will create plan sets with consideration for aesthetics, methods of construction, building codes, and common industry practices. Common architectural drafting techniques will be emphasized.		
<b>Student Learning Outcomes</b>		
<ol style="list-style-type: none"> <li>1. <b>Demonstrate knowledge of architecture and architectural drafting techniques.</b></li> <li>2. <b>Use CAD software to create 3D building information models (BIM) with consideration for common building practices, applicable codes, and CAD standards.</b></li> <li>3. <b>Research, document and present various aspects of architecture.</b></li> </ol>		
<b>Special Accommodations</b>		
College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, please see me or contact <a href="#">Disabled Students Programs and Services</a> . Students may make requests for alternative media by contacting DSPPS at 707-476-4280.		
<b>Academic Support</b>		
Academic support is available at <a href="#">Counseling and Advising</a> and includes academic advising and educational planning, <a href="#">Academic Support Center</a> for tutoring and proctored tests, and <a href="#">Extended Opportunity Programs &amp; Services</a> , for eligible students, with advising, assistance, tutoring, and more.		
<b>Academic Honesty</b>		
In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AF 5500) is available on the College of the Redwoods website at: <a href="http://www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev">www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev</a> Additional information about the rights and responsibilities of students, Board policies, and administrative		
<b>Disruptive Classroom Behavior</b>		

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Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process a disruptive student may be temporarily removed from class. In addition, he or she may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: [www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev](http://www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev). Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods website.

### Emergency Procedures for the Eureka campus:

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka **campus emergency map** is available at: ([http://www.redwoods.edu/Eureka/campus-maps/EurekaMap\\_emergency.pdf](http://www.redwoods.edu/Eureka/campus-maps/EurekaMap_emergency.pdf)). For more information on Public Safety, go to <http://redwoods.edu/safety/>. In the event of an emergency that requires an evacuation of the building:

- Be aware of all marked exits from your area and building.
- Once outside, move to the nearest evacuation point outside your building:
- Keep streets and walkways clear for emergency vehicles and personnel.
- Do not leave campus, unless it has been deemed safe by the Incident Commander or campus authorities. (CR's lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

**RAVE** – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary in order to receive emergency alerts. Please go to <https://www.GetRave.com/login/Redwoods> and use the “Register” button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with “redwoods.edu.” Please contact Public Safety at 707-476-4112 or [security@redwoods.edu](mailto:security@redwoods.edu) if you have any questions.



**College of the Redwoods**

**Drafting Technology Department Course Syllabus: DT 71**  
**Architectural Drafting Techniques**

Instructor..... Paul Kinsey  
 Semester..... Spring, 2016  
 Course number..... E9310  
 Units..... 3  
 Meeting times..... M,W 10:05- 12:30  
 Classroom..... AT 105  
 Office..... AT 124  
 Office hours..... Tues. 11:00 – 1:00  
 Phone..... 476-4349(office), 476-4100 ext.4623 (const.tech lab in A.T. 109)  
 E-mail..... paul-kinsey@redwoods.edu

**Course Description:** A study of drafting with an emphasis on the development of architectural plans. Students will create plan sets with consideration for aesthetics, methods of construction, building codes, and common industry practices. CAD architectural drafting techniques will be emphasized.

**Textbook:** Jefferis, A. and Madsen, D. (2011). Architectural Drafting and Design. Clifton Park, N.Y.: Del Mar/Thomson Learning.

**Materials:** In addition to the texts, you will need a pencil, three ring binder (for notes and tutorials) and a U.S.B. storage device to store and submit your work.

**Course Objectives:** Upon successful completion of this course, the student will be able to:

1. Demonstrate knowledge of architecture and architectural drafting techniques.
2. Use CAD software to create 3D building information models (BIM) with consideration for common building practices, applicable codes, and CAD standards.
3. Research, document and present various aspects of architecture.

**Class Format:** Lecture/ lab

**Course Management:** This course will be managed using the MyCR learning environment. Course information, announcements, and current grades are available through the MyCR link at **redwoods.edu** It is incumbent upon the student to check the accuracy of their grade. Please make your instructor aware of any mistakes. Any errors and omissions not corrected by Thursday of Finals Week will be considered final.

**Course Requirements:** As a student drafter in DT 71 you are required to attend lectures, participate in labs in which you will work on and complete architectural drawings, read the text assignments and engage yourself fully in the tests, quizzes and assignments. You are also required to submit two sets of drawings during the semester.

Grades are based on the following:

Grading Criteria:

30%	Architectural Drafting and Design	90 - 100%	= A Excellent
	Textbook Questions (homework)	80 - 89%	= B Above Average
34%	Drafting Projects	70- 79%	= C Average

25%	Assignments, quizzes and presentations	60 - 69%	= D Below Average
11%	Semester final	0 - 59%	= F Fail

- ✓ Architectural Drafting and Design Textbook Questions (25%)  
Each chapter covered will have specific questions assigned. The assigned questions are homework and are due on the day they are listed in the syllabus. Whenever possible, Revit will be used to demonstrate the questions and topics.
- ✓ Drafting Projects (39%)  
There are two sets of BIM drafting projects assigned during this semester. They are as follows:
  - (14%) Lakeside Cabin
  - (25%) Habitat Plan set

✓ Assignments, quizzes and presentations (25%)

Throughout the semester there will be quizzes, a midterm, and assignments. Quizzes may cover formal announced topics and as well as unannounced periodic “seat quizzes” given on daily topics. Quizzes cannot be made up. Three of the assignments are as follows:

- LEED Research Paper
- Conservation and Environmental Design
- Architect’s Biography

✓ Semester Final (11%)

A paper-based final exam will take place at **10:45a.m. May 9th, 2016.**

### **Positive Mental Attitude (PMA)**

Learning to use new software can test your patience and your character. It is important to remember that *CADD is neither for you nor against you, it is just very unforgiving of mistakes.* Therefore, having a positive mental attitude about learning REVIT or any software can be a big help. Toward that end, keep these few suggestions in mind.

- ✓ Arrive at class on time and ready to work.
- ✓ Keep track of your CADD account and password.
- ✓ File Management
  - Learn to know the difference between temporary and root files.
  - Learn the difference between a project and a template.
  - Open, work from, and save to your root file, not a temporary file.
  - Save, save, save. Save to your student account, **and to a portable drive.**
- ✓ Take some written notes of switches, fly outs, and procedures used in REVIT.
- ✓ And lastly, if you have spent too much time trying to fix or create an element (roof, wall, door, etc.) it may be easier to delete the element and start over. **PMA ☺**

### **Student Code of Conduct Standards**

All College of the Redwoods students are encouraged to familiarize themselves with, and conform to, college rules and regulations governing personal conduct on all campuses of the district as set forth in the current college catalog.

**CAVEAT:** The schedule and procedures for this course are subject to change in the event of extenuating circumstances.