

OAKTON COMMUNITY COLLEGE
COURSE SYLLABUS

Instructors: Stanley Kimura (kimuras@oakton.edu)
Joseph Cirone (jcirone@oakton.edu)

Semester: Spring 2011

Office Phone: (847) 376-7612

Monday: 2:00 p.m.-3:30 p.m.

Division Phone: (847) 635-1688

Office Hours: 3:30 p.m.-4:30 p.m.

<u>PREFIX</u>	<u>COURSE NUMBER</u>	<u>COURSE NAME</u>	<u>CREDIT</u>	<u>LECTURE</u>	<u>LAB</u>
FIR/CAD	191	Emergency Response Pre-plan Design	4	3	2

II. PREREQUISITE:

None

III. COURSE (CATALOG) DESCRIPTION:

A course for Emergency Responders using computer based software. This course is an introduction to Emergency Response Applications with emphasis on emergency pre-planning. Course will focus on designing plans for use by emergency responders using Firehouse, AutoCAD, and other applicable software. The computer will be used by students to document information about the condition of assets, including buildings and personnel for transmission to emergency operations managers and personnel who need it for planning response, crisis management, and recovery efforts.

Students cannot receive credit for both CAD 191 and FIR 191.

IV. LEARNING OBJECTIVES:

This course is an introduction to Emergency Response Solutions with emphasis on using computer assisted design, database and surveillance applications.

- Students will construct Computer Aided Design pre-plans.
- Students will develop an emergency pre-plan for a high risk occupancy.
- Students will create a pre-plan that can assist emergency management personnel.
- Students will be able to understand different symbols used in emergency pre-planning

V. ACADEMIC INTEGRITY:

Students and employees at Oakton Community College are required to demonstrate academic integrity and follow Oakton's Code of Academic Conduct. This code prohibits:

- cheating,
- plagiarism (turning in work not written by you, or lacking proper citation),
- falsification and fabrication (lying or distorting the truth),
- helping others to cheat,
- unauthorized changes on official documents,
- pretending to be someone else or having someone else pretend to be you,
- making or accepting bribes, special favors, or threats, and
- any other behavior that violates academic integrity.

There are serious consequences to violations of the academic integrity policy. Oakton's policies and procedures provide students a fair hearing if a complaint is made against you. If you are found to have violated the policy, the minimum penalty is failure on the assignment and, a disciplinary record will be established and kept on file in the office of the Vice President for Student Affairs for a period of 3 years.

Details of the Code of Academic Conduct can be found in the Student Handbook.

VI. OUTLINE OF TOPICS:

<u>Week</u>	<u>Date</u>	<u>Topic</u>
1	1/24	Class introduction and overview. Pre-Plans
2.	1/31	Pre-Plan symbology Fire Pre-plan Drawings
3.	2/7	Fire Pre-plan Maps Incidence reporting and notification Schematic drawings for investigations Post fire Review Schematics
4.	2/14	Landmark information Emergency Resource Identification
5.	2/21	Presidents Day holiday, College closed
6.	2/28	Structure Risk Assessment Hostile Intruder Analysis
7.	3/7	Fire-Flow Analysis Natural Disaster Planning
8.	3/14	Spring Break (no class)
9.	3/21	Field Trip – Site Inspection
10.	3/28	Final Project
11.	4/11	Final Project
12.	4/18	Group Presentations // Projects Evaluation
13.	4/25	Group Presentations / Projects Evaluation
14.	5/2	Final Exam
15.	5/9	Return and critique of projects

The instructor reserves the right to make adjustments by informing the class accordingly.

VII. METHODS OF INSTRUCTION:

Lectures demonstrate drawing techniques with a hands on focus emphasizing the solution of emergency response problems. Problems will be assigned during class.

VIII. COURSE PRACTICES REQUIRED:

- Completion of drawings and reports.
- Passing examinations and quizzes.
- Attendance

IX. INSTRUCTIONAL MATERIALS:

Fire Prevention
Inspection and Code Enforcement 2nd Edition
Author: David Diamantes
Publisher: Thomson – Delmar Learning
ISBN-10: 0-7668-5285-7

FireHouse Software
AutoDesk Software

X. METHODS OF EVALUATING STUDENT PROGRESS:

Drawings and reports will be graded according to conventions provided on assignment sheets, notes and handouts.

- Drawing Pre-plan Labs
- Tests
- Homework questions
- Final Project

Grading Scale

A 90%
B 80%
C 70%
D 60%
F Below 60%

XI. OTHER COURSE INFORMATION:

If you have a documented learning, psychological, or physical disability you may be entitled to reasonable academic accommodations or services. To request accommodations or services, contact the ASSIST office in the Learning Center. All students are expected to fulfill essential course requirements. The College will not waive any essential skill or requirement of a course or degree program.