

# **ILLINOIS VALLEY COMMUNITY COLLEGE**



## **COURSE OUTLINE**

**DIVISION: Workforce Development**

**COURSE: CAD 2206; Design Technician Internship**

Date: Fall 2011

Credit Hours: 3

Prerequisite(s): CAD 1200, CAD1201 or consent of instructor

Delivery Method: Internship

Offered:  **Fall**     **Spring**     **Summer**

IAI Equivalent –**Only for Transfer Courses**-go to <http://www.itransfer.org>:

### **CATALOG DESCRIPTION:**

Individual students will be responsible for contacting a local industry to secure an internship position in their engineering department. Work will be that which is normally performed by a design technician. Students must complete 225 hours of on-the-job work experience.

## GENERAL EDUCATION GOALS ADDRESSED

*[See the last page of this form for more information.]*

### Upon completion of the course, the student will be able:

[Choose those goals that apply to this course.]

- To apply analytical and problem solving skills to personal, social and professional issues and situations.
- To communicate orally and in writing, socially and interpersonally.
- To develop an awareness of the contributions made to civilization by the diverse cultures of the world.
- To understand and use contemporary technology effectively and to understand its impact on the individual and society.
- To work and study effectively both individually and in collaboration with others.
- To understand what it means to act ethically and responsibly as an individual in one's career and as a member of society.
- To develop and maintain a healthy lifestyle physically, mentally, and spiritually.
- To appreciate the ongoing values of learning, self-improvement, and career planning.

### EXPECTED LEARNING OUTCOMES AND RELATED COMPETENCIES:

1. The student will be given the opportunity to prepare for full-time employment with actual on-the-job training.
2. The student will experience the opportunity to apply college classroom learning under working conditions.
3. The student will have the opportunity to evaluate the job as to whether he or she has chosen the correct career path for future employment.
4. The student will be able to more fully develop those competencies and attitudes needed for entry-level employment and future advancement opportunities in the student's selected field of employment.
5. The student will have the opportunity to earn a wage while learning on the job (some internships may be non-paid learning experiences).

### Upon completion of the course, the student will be able to:

1. Be exposed to the real world of work.
2. Connect the knowledge and skills learned in the classroom and laboratory setting to real life situations confronting a person while working in the field.
3. Students should take this opportunity to showcase themselves in front of people working in the employment environment.
4. Develop the confidence and self-assurance helpful in obtaining employment upon completion of their educational experience.
5. The experience provided during the internship better prepares the student for the college courses remaining in the student's program of study by giving relevancy and meaning to the knowledge and skills taught in the classroom.

### COURSE TOPICS AND CONTENT REQUIREMENTS:

Dependent on the employer

**INSTRUCTIONAL METHODS:**

Internship  
On the job training

**INSTRUCTIONAL MATERIALS:**

None

**STUDENT REQUIREMENTS AND METHODS OF EVALUATION:**

**OTHER REFERENCES**

None

## Course Competency/Assessment Methods Matrix

CAD-2206, Design Technician Internship		Assessment Options																															
For each competency/outcome place an "X" below the method of assessment to be used.	Assessment of Student Learning	Article Review	Case Studies	Group Projects	Lab Work	Oral Presentations	Pre-Post Tests	Quizzes	Written Exams	Artifact Self Reflection of Growth	Capstone Projects	Comprehensive Written Exit Exam	Course Embedded Questions	Multi-Media Projects	Observation	Writing Samples	Portfolio Evaluation	Real World Projects	Reflective Journals	Applied Application (skills) Test	Oral Exit Interviews	Accreditation Reviews/Reports	Advisory Council Feedback	Employer Surveys	Graduate Surveys	Internship/Practicum /Site Supervisor Evaluation	Licensing Exam	In Class Feedback	Simulation	Interview	Written Report	Assignment	
	Direct/ Indirect	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	I	I	I	I	D	D						
Assessment Measures – Are direct or indirect as indicated. List competencies/outcomes below.																																	
1. The student will be given the opportunity to prepare for full-time employment with actual on-the-job training.				X											X				X					X							X		
2. The student will experience the opportunity to apply college classroom learning under working conditions.				X											X				X				X								X		
3. The student will have the opportunity to evaluate the job as to whether he or she has chosen the correct career path for future employment.				X											X				X				X								X		
4. The student will be able to more fully develop those competencies and attitudes needed for entry-level employment and future advancement opportunities in the student's selected field of employment.				X											X				X				X								X		

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