INDE 135 Course Outline as of Spring 2012

CATALOG INFORMATION

Dept and Nbr: INDE 135 Title: WORKING DRAWINGS INT DES
Full Title: Working Drawings for Interior Design
Last Reviewed: 9/19/2011

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	3.00	6	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	87.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 157.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade Only
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	INDE 82

Catalog Description:
This course will explore the technical aspects of creating interior design construction documents. Construction materials and building systems will be covered. A set of construction documents will be generated, utilizing Standard Building Code requirements. Typical framing methods used in residential construction will be applied to plans, elevations, sections, details and schedules.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100 and Course Completion of INDE 128

Limits on Enrollment:

Schedule of Classes Information:
Description: This course will explore the technical aspects of creating interior design construction documents. Construction materials and building systems will be covered. A set of construction documents will be generated, utilizing Standard Building Code requirements. Typical framing methods used in residential construction will be applied to plans, elevations, sections, details and schedules. (Grade Only)

Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100 and Course Completion of INDE 128
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Upon completion of this course, students will be able to:
1. Evaluate building systems within the context of interior design.
2. Assess interior building plans and systems for Standard Building Code compliance.
3. Prepare supplementary construction documents including reflected ceiling plans, electrical plans and appropriate schedules and legends.
4. Interpret working drawings including sections and details where appropriate.
5. Explain how HVAC (heating, ventilation, air conditioning), plumbing, electrical and mechanical systems affect interior space planning and design.

Topics and Scope:

I. Building Construction Types and Systems
II. Basic Skills
    A. Drawing standards and conventions
    B. Line work, lettering, symbols
    C. Dimensioning
    D. Schedules and legends
III. Graphic Representation of Materials, Products and Equipment in Plan, Elevation, Section and Detail
IV. Site Plans
V. Floor Plans
    A. Floor plan symbols
    B. Floor plan dimensions and notes
    C. Floor plan layout
    D. Reflected ceiling plans
VI. Elevations

A. Introduction to elevations
B. Millwork and cabinet elevations

VII. Electrical and Mechanical Systems and Plans
A. Electrical plans
B. Plumbing systems
C. HVAC plans (heating, ventilation, air conditioning)

VIII. Wall Sections and Details

IX. Stair Construction and Layout

X. Standard Building Code Requirements

Assignment:

1. Reading: approximately 20 pages per week
2. Lab: working drawings, weekly notebook assignments
3. Quizzes after each textbook chapter
4. Midterm and final exam
5. Final project: completed working drawing and oral presentation of project
6. Notebook of class notes, weekly assignments, and glossary of terms

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None	Problem solving 0 - 0%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Drawings; final project and presentation	Skill Demonstrations 50 - 75%

Exams: All forms of formal testing, other than skill performance exams.

Exams to include completion and short answer	Exams 20 - 40%

Other: Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation; notebook	Other Category 5 - 15%

Representative Textbooks and Materials:
Jefferies, Alan & Madsen, David. Architectural Drafting And Design, 6th edition, Thompson/Delmar Learning, 2010.