

## FLORIDA STATE COLLEGE AT JACKSONVILLE

## COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER:	IND 2460
COURSE TITLE:	Interior Design - Computer Aided Drafting and Design
PREREQUISITE(S):	IND 1606 and TAR 2120
COREQUISITE (S):	None
CREDIT HOURS:	3
CONTACT HOURS/WEEK:	5
CONTACT HOUR BREAKDOWN:	
Lecture/Discussion:	4
Laboratory:	1
Other _____:	
FACULTY WORKLOAD POINTS:	4.5
STANDARDIZED CLASS SIZE ALLOCATION:	24
CATALOG COURSE DESCRIPTION:	
<p>This course is a study of the uses of a personal computer in interior and exterior design. Included will be commercial office space, industrial support areas, and the development of an efficient and effective house. The interior designer will learn how to use the computer as a time saving tool, and will acquire an understanding of Computer Aided Drafting and Design (CADD) operations.</p>	
SUGGESTED TEXT(S):	<u>AutoCAD 2007, Interior Design 18</u>
IMPLEMENTATION DATE:	Fall Term, 2001 (20021)
REVIEW OR MODIFICATION DATE:	Fall Term, 2002 (20031) Spring Term, 2004 (20042) Fall Term, 2007 (20081) Fall Term, 2008 (20091)

Rationale: This course will cover all terms and commands that are associated with computers in drafting. The student will understand the differences and the advantages with the CAD System compared to conventional drafting. The student will learn how to command the computer to do various drawings and edit these drawings. The various manufacturers will be compared.

Intent: The intent is to develop a clear understanding of the CAD System. The student will learn the history of the CAD System and Drafting as well as work on the CAD System.

COURSE TOPICS	<u>CONTACT HOURS PER TOPIC</u>
<ul style="list-style-type: none"> <li>I. System requirements</li> <li style="padding-left: 20px;">A. Hardware</li> <li style="padding-left: 20px;">B. Software</li> </ul>	+5
<ul style="list-style-type: none"> <li>II. Getting started</li> <li style="padding-left: 20px;">A. Screen layout</li> <li style="padding-left: 20px;">B. Starting a drawing</li> <li style="padding-left: 20px;">C. Setting system variables for new drawing</li> <li style="padding-left: 20px;">D. Open, move, and resize the toolbars</li> <li style="padding-left: 20px;">E. Move and resize the command line</li> </ul>	+5
<ul style="list-style-type: none"> <li>III. File management</li> <li style="padding-left: 20px;">A. Files and folders</li> <li style="padding-left: 20px;">B. Saving files</li> <li style="padding-left: 20px;">C. Copying files</li> <li style="padding-left: 20px;">D. Moving files</li> <li style="padding-left: 20px;">E. Deleting files</li> <li style="padding-left: 20px;">F. Searching for files and folders</li> </ul>	+5
<ul style="list-style-type: none"> <li>IV. Two-dimensional drawing</li> <li style="padding-left: 20px;">A. Draw commands</li> <li style="padding-left: 20px;">B. View commands</li> <li style="padding-left: 20px;">C. Modify commands</li> <li style="padding-left: 20px;">D. AutoCAD functions</li> </ul>	+10
<ul style="list-style-type: none"> <li>V. Plotting/printing</li> <li style="padding-left: 20px;">A. Preparing to plot</li> <li style="padding-left: 20px;">B. Previewing the plot</li> <li style="padding-left: 20px;">C. Plotting the drawing</li> </ul>	+5

COURSE TOPICS (CONTINUED)	<u>CONTACT HOURS PER TOPIC</u>
VI. Drawing setup A. Using a template B. Layers	+5
VII. Dimensioning and text A. Text B. Dimensioning	+10
VIII. Drawing the building shell A. Draw commands B. Developing Building symbols C. Modify commands	+10
IX. Editing and adding notations A. Draw commands B. Dimensioning commands C. Modify commands	+10
X. Furniture symbols A. Custom furniture symbols B. Furniture symbol/specification software	+10
XI. Beyond the basics A. Draw commands B. Modify commands C. AutoCAD functions	+5

PROGRAM TITLE: Interior Design Technology

COURSE TITLE: Interior Design CAD: Design

CIP NUMBER: 0404.050100

LIST PERFORMANCE STANDARDS ADDRESSED:

NUMBER(S): TITLES(S):

01.0 IDENTIFY AND APPLY ELEMENTS AND PRINCIPLES OF BASIC DESIGN TO INTERIOR SPACES -- The student will be able to:

01.04 Analyze uses of line in interior design.

01.08 Illustrate scale.

04.0 SELECT AND ARRANGE FURNITURE, EQUIPMENT AND ACCESSORIES -- The student will be able to:

04.02 Develop a furniture arrangement and traffic plan.

10.0 COMMUNICATE DESIGN CONCEPTS THROUGH VISUAL PRESENTATION SKILLS -- The student will be able to:

10.01 Use equipment to present interior design concepts.

10.02 Demonstrate the use and care of graphics equipment.

10.03 Demonstrate neatness and accuracy.

10.04 Execute line work.

10.05 Illustrate size and scale in a drawing.

10.15 Apply design principles to layout.

10.17 Utilize lettering techniques and computer skills for visual presentations.

15.0 INCORPORATE EVALUATION, SPACE PLANNING, LAYOUT, WORK FLOW, AND DESIGN INTO A PROJECT -- The student will be able to:

15.01 Develop a plan for a total concept for interior design and home furnishings.

15.02 Apply design methods and techniques to a project in home interior design.

23.0 DEMONSTRATE A BASIC KNOWLEDGE OF COMPUTER SKILLS-- The student will be able to:

23.01 Demonstrate proficiency in word processing and other applications.



NOTE: Use either the Tab key or mouse click to move from field to field. The box will expand to accommodate your entry.

<b>Section 1</b>	
COURSE PREFIX AND NUMBER: <u>IND 2460</u>	SEMESTER CREDIT HOURS: <u>3</u>
COURSE TITLE: <u>Interior Design- Computer Aided Drafting and Design</u>	

**Section 2**

TYPE OF COURSE: (Click on the box to check all that apply)

<input type="checkbox"/> AA Elective	<input checked="" type="checkbox"/> AS Required Professional Course	<input type="checkbox"/> College Prep
<input type="checkbox"/> AS Professional Elective	<input checked="" type="checkbox"/> AAS Required Professional Course	<input type="checkbox"/> Technical Certificate
<input type="checkbox"/> Other _____		
<input type="checkbox"/> General Education: (For General Education courses, you must also complete Section 3 and Section 7)		

**Section 3 (If applicable)**

INDICATE BELOW THE DISCIPLINE AREA FOR GENERAL EDUCATION COURSES:

<input type="checkbox"/> Communications	<input type="checkbox"/> Social & Behavioral Sciences	<input type="checkbox"/> Mathematics
<input type="checkbox"/> Natural Sciences	<input type="checkbox"/> Humanities	

**Section 4**

INTELLECTUAL COMPETENCIES:

<input checked="" type="checkbox"/> Reading	<input type="checkbox"/> Speaking	<input checked="" type="checkbox"/> Critical Analysis	<input type="checkbox"/> Quantitative Skills	<input type="checkbox"/> Scientific Method of Inquiry
<input type="checkbox"/> Writing	<input checked="" type="checkbox"/> Listening	<input checked="" type="checkbox"/> Information Literacy	<input type="checkbox"/> Ethical Judgment	<input checked="" type="checkbox"/> Working Collaboratively

<b>Section 5</b>		
LEARNING OUTCOMES		METHOD OF ASSESSMENT
1	Students will develop a clear understanding of the CAD system including getting a drawing started, file management, drawing setup, dimensioning, text, furniture, plotting and printing.	Graded assignments and projects
2	Students will be able to apply the CAD drawing method to communicate floor plans and elevations.	Graded assignments and projects
3	23.0 Computer Skills	Rubric Instrument

**Section 6**

Name of Person Completing This Form: Sheri Litt

Date: 11/15/07