

# THE ILLINOIS INSTITUTE OF ART CHICAGO

## Course Syllabus: Fashion Design

<b>Course Name:</b>	<b>FD226 Technical Drawing &amp; Design</b>	<b>Instructor:</b>	<b>Margarita Benitez</b>
<b>Department:</b>	Fashion Design	<b>Course WWW</b>	<a href="http://www.margaritabenitez.com">www.margaritabenitez.com</a> click on "technical drawing"
<b>Length / Hours:</b>	11 weeks, 44 hours	<b>E-Mail:</b>	mbenitez@aia.edu
<b>Credits:</b>	4	<b>Time &amp; Place:</b>	Friday 9am-2:50pm Room 1089
<b>Term &amp; Year:</b>	Winter 2010	<b>Section(s):</b>	A

### COURSE DESCRIPTION

Students study CAD design software as used in the garment and textile production. Students develop their own textile designs on the computer.

### PREREQUISITES

FM211, FP123, FP11, GE110, and ART102

### REQUIRED TEXTBOOKS

#### Materials and Supplies:

USB STICK  
Drawing Pad  
Drawing Utensils: Pencils, Markers, Color Pencils, etc.  
Eraser

### FASHION DESIGN PROGRAM COMPETENCIES

1. Construction: graduates will have knowledge of terminology, principles, and concepts related to construction, patternmaking, draping, and other techniques used to produce garments. They will have an understanding of textiles and other products necessary to the fashion industry.
2. Technology: Graduates will demonstrate proficiency with traditional construction technology (sewing machines, sergers) and with computer assisted design software for creating fabrics, patterns, and other purposes.
3. Design: Graduates will understand and apply the principles of fashion design. They will be able to design and produce original garments. They will understand pattern drafting principles required for design and pattern development. They will be able to represent fashions on croquis and in other ways that follow industry expectations and standards.

4. Planning and problem-solving: Graduates will demonstrate an ability to analyze, formulate and implement innovative solutions related to designing and producing garments. They will demonstrate the ability to deal with problems of supply, the logistics of large-scale production, as well as how do deal with problems in individual fittings and how to adapt patterns for different fabrics.

5. Communication: Graduates will demonstrate professional oral, written, and visual communication skills and organizational skills according to industry expectations.

6. Context: Graduates will understand the broader context of their professional knowledge in relation to fashion, including design and costume history, laws and regulations, business practices, demographics, social, cultural (ethnic), psychological, forecasting, and economic theories and ideas.

7. Professionalism: Graduates will have developed an appropriate professional demeanor, an understanding of the nature and culture of the fashion industry, an understanding of the language and culture of marketing, an understanding of possible careers and career paths, and a clear understanding of professional ethics and standards

### **COURSE COMPETENCIES**

Upon completion of this course, a student should be able to

- Define the terminology for fibers, yarns/threads, fabrics, finishing, dyeing/ printing and other surface design.
- Identify and evaluate the properties of fibers, yarns/threads structures, woven structures dyes/prints and finishes for various end use products.
- Determine the proper care techniques and procedures for textile products.
- Explain the relationship of the textile industry within the fashion/interior industry and interpret the current regulations governing textile production.

### **ATTENDANCE POLICY**

- STUDENTS ARE EXPECTED TO ATTEND EVERY CLASS.
- Please read the attendance policy in the catalog and student handbook.
- There are no excused absences. You are either present or absent.
- Attendance is taken in 15-minute increments.
- Students are expected to attend every class. (See section on *Attendance* in ILIA catalogue and student handbook.) In accordance with school policy, 32% absenteeism in a course will result in an "F". This equates to 14 hours of absenteeism in a 4-hour per week class and 21 hours of absenteeism in a 6-hour per week class.
- It is the student's responsibility to make sure that accurate attendance is marked whenever the student is tardy. This should be handled at the end of that particular affected class period.

## STUDENT RESPONSIBILITIES

All work turned in should be computer generated / typewritten. If you submit a disk or send an email, check and eliminate any attached viruses. Plan and print out your work in advance because last minute "computer-related" excuses will not release you from any deadlines. Always make and keep backup copies of your work.

- Attend all class sessions.
- Arrive on time for each class meeting.
- Bring the course textbook to each class, along with appropriate writing materials and required supplies.
- Read all assigned materials.
- Prepare and submit all assignments by the appropriate due dates.
- Present all work in a professional manner.
- Be prepared to discuss readings and assignments in class.
- Participate in class discussions.
- Take all tests at the schedule time.
- Responsible for all changes made to the topical outline section of this syllabus.
- All student work for this class must be picked up by the end of the 3<sup>rd</sup> week of the next quarter. If this is not done, the instructor will no longer be responsible for said work and will discard it.
- **ALL CELL PHONES MUST BE TURNED OFF DURING CLASS TIME!**

Conduct Code: Each student is responsible for adhering The Illinois Institute of Art Code of Student Conduct (as stated in the college catalog), which notes, in part, that: "The Illinois Institute of Art reserves the right to suspend or terminate any student who:

- Displays conduct detrimental to the training environment within the classrooms
- Displays conduct detrimental to the well being of fellow students and/or faculty and staff members within ILIA or at any Illinois Institute of Art sponsored activity or facility
- Causes damage to the appearance or structure of ILIA or housing facilities and/or equipment therein
- Who copies or otherwise plagiarizes the artwork or assignments/projects of other students or professionals
- Who otherwise displays conduct detrimental to his or her own academic progress or ultimate success in the field for which he or she is being educated.

## STUDENTS WITH DISABILITIES

The Illinois Institute of Art- Chicago has a special needs coordinator, Dr. Suzana Flores who organizes services for qualified students requiring reasonable accommodations. Notifying the Illinois Institute of Art- Chicago that you have a disability or special needs is optional and confidential. However, in order for the school to accommodate your needs, we need advance notice of the services you require. For more information, please contact Dr. Flores at 312-777-8616.

### **Grading / Evaluation:**

All exams and assignments must be completed satisfactory in order to pass the course. The evaluation process described below is subject to change by the instructor. Changes will be announced in class.

**Evaluation:**

Midterm Project	100 points
Final Project	100 points
Mission Statement	20 points
Homework Assignments	100 points
Library Assignment	100 points
Class Participation (20pts Per class)	220 points

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<b>Total</b>	<b>640 points</b>
<b>Total</b>	<b>100%</b>

**Final Letter Grade Determination:**

93.0% - 100.0%	A
90.0% - 92.9%	A-
87.0% - 89.9%	B+
83.0% - 86.9%	B
80.0% - 82.9%	B-
77.0% - 79.9%	C+
73.0% - 76.9%	C
72.0% - 70.9%	C-
69.0% - 60.9%	D
59.0% and BELOW	F

**Minimum grade to pass the course**

## Tentative Weekly Outline and Assignment Schedule

WEEK	DATE	TOPIC	ASSIGNMENTS
1	1/15/2010	<ul style="list-style-type: none"> <li>• Introduction, Class Overview, Syllabus</li> <li>• Discuss Research Project</li> <li>• Starting with a theme, color and graphics</li> <li>• Finding images on internet and saving</li> <li>• Image size and resolution (dpi)</li> <li>• Copyright images vs. Royalty Free and Stock Images</li> <li>• WGSN login</li> </ul> <p><b>Choose inspirational ideas out of a box These cannot and will not be changed after day 1.</b></p> <p><b>Introduction to Illustrator :: 1</b></p> <ul style="list-style-type: none"> <li>• Basic navigation</li> <li>• Create documents</li> <li>• Toolbox</li> <li>• Selection Tools</li> <li>• Shape tools</li> <li>• Filling objects / Stroke / Stroke Weight</li> <li>• Objects</li> <li>• Layers</li> <li>• Placing saved images</li> </ul>	<p><b>Research Project (Part A+B)</b>  <b>Due week 6</b>            Purchase the jump drive for next class</p> <p><b>FIND:</b></p> <ol style="list-style-type: none"> <li>1. 3 inspirational images you would like to duplicate for the following: t-shirt graphic, all over pattern print logo for hang tag.</li> <li>2. Find 10 mood images for your line-inspiration boards.</li> <li>3. Find an image to represent the color palette for your line.</li> </ol> <p><b>Practice with Symbols and Shapes</b></p>
2	1/22/2010	<p><b>Introduction to Illustrator :: 2</b></p> <ul style="list-style-type: none"> <li>• Toolbox</li> <li>• Selection Tools</li> <li>• Shape tools</li> <li>• Filling objects / Stroke / Stroke Weight</li> <li>• Objects</li> <li>• Layers</li> <li>• Placing saved images</li> </ul> <p><b>Review Pen tool demo and begin mazes</b></p>	<p><b>Curves, straight lines templates</b></p>
3	1/29/2010	<p><b>Introduction to Illustrator :: 3</b></p> <ul style="list-style-type: none"> <li>• Creating complete objects with pen tool</li> <li>• Manipulating Objects</li> <li>• Filling object from swatch / color libraries</li> <li>• Eyedropper tool</li> </ul> <p><b>Introduce maze templates</b></p> <p><b>Flats 101</b></p> <ul style="list-style-type: none"> <li>• tracing poses from photos</li> <li>• step-by-step flat production demo (pen tool)</li> </ul>	<p><b>Trace maze template 3 times</b></p> <p><b>Draw a front and back flat of the garment you are wearing today.</b></p> <p><b>Work on flats in Illustrator. Redraw the flat you worked on for homework using Illustrator.</b></p> <p><b>Gather 5 images with different poses to use for croquis boards. Bring to use for next class.</b></p>

4	2/05/2010	<p><b>Introduction to Illustrator :: 4</b></p> <ul style="list-style-type: none"> <li>• Placing saved images</li> <li>• Rulers</li> <li>• Review creating a layer over an image and tracing complete objects over it to create a t-shirt graphic.</li> <li>• Print patterns: creating, defining, using</li> <li>• Eyedropping a color from an image to create a color palette.</li> </ul> <p><b>Review the midterm project</b></p> <p><b>Creating a color and print board</b>  <b>Finishing the T-shirt graphic in color</b></p>	<p><b>Create your shirt spot graphic which you will use for your design collection</b></p> <p><b>Create a color and print board.</b></p> <p><b>Finish the T-shirt graphic in color.</b></p> <p><b>BRING NEXT CLASS:</b>  <b>Drawing pads and pencils, markers and more to start your designing.</b></p>
5	2/12/2010	<p><b>Introduction to Illustrator :: 5</b></p> <ul style="list-style-type: none"> <li>• Type tools</li> <li>• Working with fonts</li> <li>• Importance of Font Choice</li> </ul> <p><b>Croquis 101</b></p> <p><b>Work on your project</b></p>	<p><b>Work on your Project</b></p> <p><b>Continue to sketch out your 5 illustration croquis</b></p>
6	2/19/2010	<p><b>Research Project (Part A+B) Due</b></p> <p><b>Introduction to Scanning</b></p> <p><b>Introduction to Photoshop :: 1</b></p> <ul style="list-style-type: none"> <li>• Basic navigation</li> <li>• Opening scanned images</li> <li>• Crop tools</li> <li>• White balancing basics</li> </ul> <p><b>Cropping your Illustrations</b></p>	<p><b>Scan all your sketches</b></p> <p><b>Crop all your illustrations</b></p>
7	2/26/2010	<p><b>Introduction to Photoshop :: 2</b></p> <ul style="list-style-type: none"> <li>• Placing your illustration on a Background</li> <li>• Creating a board.</li> </ul> <p><b>Start working on flats for your designs using illustrator tools.</b></p>	<p><b>Create the Illustration Board.</b></p> <p><b>Work on flats for your designs using illustrator tools.</b></p>
8	3/05/2010	<p><b>Introduction to Photoshop :: 3</b></p> <ul style="list-style-type: none"> <li>• Review previous demo</li> <li>• Filling</li> <li>• inside lines</li> <li>• Object placement</li> <li>• Working with Layers (order)</li> <li>• Burn / Dodge tools</li> <li>• Masking</li> </ul> <p><b>Work on Project Flats</b></p>	<p><b>Work on Project</b></p>
9	3/12/2010	<p><b>Break link to symbol and using Libraries</b></p> <p><b>Create a hang tag for the collection</b>  <b>Create a logo</b></p> <p><b>Work on Project</b></p>	<p><b>Work on Project</b></p>

10	3/19/2010	<b>Filling your flats demo review</b>  Use your t-shirt graphic on your flats  Write up a page description about your collection	<b>Work on Project</b>  Write a one page description about your collection. Include your logo and an easily legible font.
11	3/26/2010	<b>Final Project Due</b>	



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## Course Syllabus Receipt

**COURSE TITLE:** Technical Drawing and Design

**COURSE NUMBER:** FD 226

**SECTION:** A

**YEAR/QUARTER:** WINTER 2010

**INSTRUCTOR:** Margarita Benitez

I have received the syllabus for the course. I have read and I understand the policies stated on this syllabus.

Please Print Clearly

NAME (print): \_\_\_\_\_

ID #: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

CELL PHONE: \_\_\_\_\_

WORK PHONE: \_\_\_\_\_

E-MAIL: \_\_\_\_\_