University of Minnesota,
College of Design,
Department of Design, Housing, and Apparel

ADes 2221   APPAREL DESIGN STUDIO 1
Spring Semester 2012
4 credits. Prerequisites: DHA 1201, 1221, Apparel pre-major

Lecture:       MW 12:50-1:40 pm       146 McNeal Hall
               Final Exam: Friday, May 11, 8a.m. -12p.m.

Professor Anna Carlson
Office: 348 McNeal
Phone: 612-625-8234
E-mail: annac@umn.edu
Office Hours: MW 11:30-12:30 (or by appointment)

Lab 1 (002) MW 1:55-3:50pm, Min, Seoha
Lab 2 (003) MW 4:05-6:00pm, Lastovich, Theresa
205-212 McNeal Hall 205-212 McNeal Hall

Seoha Min: minxx067@umn.edu
Theresa Lastovich: last0013@umn.edu
Office hours: Tuesday 12-2pm, or by appointment.

Studio Key Code: 47651

Introduction to theories and methods used to solve problems in designing clothing for a variety of user groups. Develop an understanding of the relationship of the 2-dimensional pattern shape to the 3-dimensional body. Introduction to basic drafting, flat pattern, and draping.

Student Learning Outcomes

• To understand the basic relationship of the 2-dimensional plane to the 3-dimensional body in developing pattern shapes.
• To understand and utilize flat pattern manipulation to vary pattern style while maintaining size in the design of clothing.
• To examine, evaluate, and utilize pattern development techniques as appropriate for selected clothing designs.
• To learn the basic process of clothing design ideation through use of a variety of research techniques.
• To learn and implement the basic process of apparel pre-production, from design concept through finished sample.
Required texts:


Optional:
(On reserve at Magrath Library for overnight check-out)

Required Supplies
Basic Patternmaking Equipment (available at U of M St. Paul bookstore, Hammer Brothers or Atlanta thread)
- L-square (at least 12” X 14”)
- Armscye curve (varyform curve)
- Hip curve (curve stick)
- Metal ruler (18” minimum- 30-36” is better.)
- C-thru ruler (plastic with red 1/16” markings)
- French curve (s) or flexible curve
- Pattern hooks (2)
- Needle point tracing wheel
- marking pencil or tailors chalk
- tape measure
- transparent, write-on tape
- scissors for cutting paper
- Pencils (mechanical or #2 sharpened) HB lead
- eraser
- oaktag (wait to purchase until assigned)

Sewing supplies
- 10yds. mid weight muslin—not permanent press, or light weight WOVEN test fabric
- Thread: cotton/poly or poly
- hand sewing needles
- pins
- pin cushion (wrist type handy for draping, magnetic)
- sewing machine needles (#12 and #14)
- fabric scissors (must be good quality)
- smaller trimming scissors

Design Supplies
- Pocket folder
- 11” X 14” sketch pad for ideation and research
- Mini sketch book: carry with you everywhere, always
1-2 sheets 11” X 14” foam core or mat board
colored pencils, markers, paint
scissors, tape, glue
exacto knife
3 ring binder
project supplies (varies)

Release of Work
Students understand that enrollment in this course grants consent for their work to be selected for inclusion in college or departmental publications (online or in print). Your instructor may select to use your work to represent her/his skills as an instructor in a teaching portfolio (online or in print).

Climate of inclusivity
You are expected to be attentive during class, ask questions if you do not understand something, and to offer your opinion. You are also expected to listen respectfully to other students and to me when speaking. The University of Minnesota is committed to providing a safe climate for all students, faculty, and staff. All persons shall have equal access to its programs and facilities without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation. Racism, sexism, homophobia, classism, ageism and other forms of bigotry are inappropriate to express in this class. Reports of harassment are taken seriously, and there are individuals and offices available for help.

Technology
In this class, our use of technology will sometimes make students’ names and U of M Internet IDs visible within the course website, but only to other students in the same class. Since we are using a secure, password-protected course website, this will not increase the risk of identity theft or spamming for anyone in the class. If you have concerns about the visibility of your Internet ID, please contact me for further information.

Mental Health Services
As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student’s ability to participate in daily activities. University of Minnesota services are available to assist you with addressing these and other concerns you may be experiencing. You can learn more about the broad range of confidential mental health services available on campus via the Student Mental Health Website at http://www.mentalhealth.umn.edu
Expectations of Students

Attendance at all class sessions for the entire class time. If you are not present at the beginning and end of class, you are considered absent. You are responsible for content missed. The instructor is not obligated to repeat a demonstration or presentation. Students with more than 3 absences will receive a reduction of 2 letter grades from their earned grade (i.e. an A becomes a C) and 5 absences will receive an F as the final grade. The following reasons justify absences and makeup requests and must be documented: (a) illness certified by the Boynton Health Service or another physician (b) death of parent, sibling, or grandparent (proof of funeral attendance must be supplied), (c) participation in religious observances with advance instructor notification (d) participation, certified by the Office for Student Affairs in University approved co-curricular activities.

Attention to class activities; Students are responsible for all information covered in class, including this syllabus. You are expected to listen respectfully to others and me. Electronic devices may only be used for participating in a class activity. Cell phones must be turned off. You are expected to contribute to the class. Participation in discussion and review sessions is required.

Ask for help if you do not understand something. Inform the instructor the first week of class course about any special needs or concerns, such as health issues or athletics. If you have any special classroom requirements please contact one of the offices listed below. They will work with you and, if necessary, they will contact the instructor to work out the details for any necessary accommodations.

Student Academic Success Service, 340 Appleby Hall, Mpls, 612-624-3323
Counseling/Consulting Services, 199 Coffey Hall, St. Paul, 612-624-3323
Disability Services 180 McNamara, Mpls, 612-626-1333
Center for Writing, 10 Nicholson Hall, Mpls, 612-626-7579

If you have an issue with the course or instructor, contact the instructor first to begin resolution process.

Authorship and conduct: Project assignments may not be used for another class without written consent of both instructors. Work done for other classes may not be used for credit in this course without prior consent. Students must cite sources for all images and texts used in assignments, and are encouraged to provide their own images whenever possible. Students may not make commercial use of their notes or lectures or University provided materials without the written consent of the instructor. Professional and ethical behavior is required. Academic misconduct is defined as any act that violates the rights of another student with respect to academic work or involves misrepresentation of a student’s own work. Academic misconduct includes but is not limited to: cheating on assignments or examinations, plagiarizing pieces of work, depriving others of necessary coursework, and sabotaging another’s work. Discovery of academic misconduct is grounds for an F or N in the course.
**Coursework:** Present your assignments on time and in a professional manner. Work not presented at the beginning of class will be deemed late; late work will be accepted up to one week after the due date but will be graded 50% less than otherwise earned. Incomplete projects are considered late until all parts are submitted. Late work with a justified and documented absence will not be penalized if turned in within one week of original due date. Make-up exams will be arranged only for students with a justified and documented absence (see Attendance). There are no extra credit assignments. Incompletes will be given only in cases of your own documented medical or family emergency. At least 75% of coursework completed with a passing grade is required for an incomplete.

**Workload:** Dedicate 5 hours per week outside of class on coursework in order to complete the assignments and receive a “C” grade. (3 credits x 3 hrs = 9 hours per week including 4 hrs class time).


**Instructor will:**
- Prepare for class and begin at scheduled time.
- Be available during office hour for individual feedback, concerns, grade questions, and chocolate.
- Offer in-process feedback, suggestions, and encouragement.
- Answer emails within 24 hours between M-F.
- Grade projects within one week of the due date, subject to unusual circumstances.
- Demonstrate techniques, provide visual examples.
- Share knowledge of business world and professional practice corresponding to course.

**Course Format**
Lecture and lab
Course Evaluation

Work is due at the beginning of class
Specific grading criteria are given with each assignment.
The criteria for patterns are readability and precision. Standard markings are critical to communicating your ideas to your co-workers. Precise patterns are required by industry to avoid waste and error.
Design work will be evaluated on process, creativity, concept, and craftsmanship.

2.5 % Design E&P
10% Research Projects
5% Quizzes
20% Pattern Exercises
5% Torso and Drape Exercises
25% Sleeve Project
32.5% Final Project

Research projects are intended to meet the following objectives:
a. explore creative solutions
b. develop presentation skills- oral and visual
c. experiment with different media in 2 and 3 dimensions

The PROCESS is as important as the PRODUCT. Learn to document your process.

Grading

A-F grades will be assigned in accordance with university definitions; plus or minus indicate performance relative to the letter grade definition.

A Achievement outstanding relative to the level necessary to meet course requirements (‘excellent’ above and beyond; initiative, creativity).
B Achievement significantly above the level necessary to meet course requirements (‘good’).
C Achievement that meets the basic course requirements in every respect (‘just fine’).
D Achievement worthy of credit even though it does not fully meet the basic course requirements in every respect.
F Performance that fails to meet basic course requirements and is unworthy of credit.
THE APPAREL DESIGN STUDIO  
212 and 205 McNeal Hall

Consider the Apparel Design Studio your home base while you are studying Apparel Design at the University of Minnesota. You will spend many hours there in class, working on projects, and socializing with your fellow students. Faculty expect that you observe some basic rules of safety, use common sense, and that you are respectful of others’ space, comfort and safety while working in the studio. Read the studio rules and regulations carefully and abide by them at all times. Violation of the rules will result in loss of privileges.

Studio Rules:

- **Clean up after yourself at the end of each class session!!!** When you complete work on a sewing machine at the end of a class session, you must: 1) replace the standard presser foot 2) make sure to take your bobbin case and bobbin with you after class and 3) make sure the machine has a sharp needle. Empty the brown paper bags next to your sewing machine and take all of your belongings with you. Any belongings left behind will be discarded after one week.
- Use the proper recycling bins for recyclable paper vs. trash.
- No food is allowed in the studio at anytime. If you need a food break--go to the lounge area on the access ramp. Only beverages in covered containers are allowed in studio.
- For prevention of blood borne diseases, dispose of any needles or pins that puncture the skin. Use the “Sharps” containers located in both sewing labs.
- **Do not** move any of the sewing machines at any time. Domestic machines MUST stay in Room 212. Sergers and industrial machines MUST stay in Room 205.
- If you do not know how to use a piece of equipment after reading the machine operating manual, ask your instructor for help. We cannot afford to have equipment down or afford high repair costs due to improper use.
- If you break a machine or find one broken, please report it on the machine status log, and notify an instructor.
- If you break a sewing machine needle, it is your responsibility to replace it. Domestic needles are in the metal cabinet. Industrial machine needles-- see your instructor.
- **Never** use a domestic machine needle in an industrial machine and never use an industrial machine needle in a domestic machine.
- **If you use an attachment for a machine, please return it to the metal cabinet area when you complete your work.**
- **Irons:** 1) Turn off irons every time you finish using them 2) Unplug if you are the last one out of the studio at the end of class 3) Do not use the hi-steam (gravity feed) iron for applying fusible interfacing 4) When using hi-steam (gravity feed) irons, be careful not to melt the plastic tubing. 5) When the hi-steam (gravity feed) iron is out of distilled water or granules, see your instructor for assistance in refilling canister.
• Do not leave work on the mannequins. Other students need to use the mannequins, too. Carefully mark your work and remove it after a work session. Record the mannequin number (marked on the neckband).

• Reference materials are to be used only in the studio. Do not cut or alter. Please respect these materials and your peers.

• The last person to leave the studio is responsible for shutting off the irons/steam, machines, lights, stereo, and closing windows and doors in BOTH studios.

• At the end of the semester each class will be responsible for one major cleaning task to maintain the quality of the studio. These include dusting, cleaning the table tops, clipping thread from chairs and mannequins and tossing old student projects.

Apparel Design Studio Agreement

I agree to observe basic rules of safety, use common sense, and respect others’ space, comfort and safety while working in the studio. I have read the studio rules and regulations carefully and will abide by them at all times. I understand that violation of the rules will result in loss of privileges, and may impact studio access outside of class.

Signed:__________________________________________ Date:______

Resources

http://www.fashion-incubator.com/
http://www.threadsmagazine.com/
http://mnfashion.org/
http://www.textilecentermn.org/
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Due:</th>
<th>Reading</th>
<th>Concept or Topic</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>16-Jan</td>
<td><strong>PM:</strong> Pattern Making, Joseph-Armstrong</td>
<td>PM: ch 1 FFD. 28-47, FFD: Fundamentals of Fashion Design</td>
<td>Design elements and principles, shape and form, 3d visualization</td>
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<td></td>
<td>18-Jan</td>
<td>Terms handout</td>
<td>PM: ch 2-3</td>
<td>Pattern Basics: terms, types, drafting, slopers, measuring, answer questions on handout</td>
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<tr>
<td>2</td>
<td>23-Jan</td>
<td>E&amp;P mood board</td>
<td>FFD: 12-25, 48-55, 110-125</td>
<td>Research based design, Research forms, Translating Research, Design Process</td>
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<tr>
<td></td>
<td>25-Jan</td>
<td>skirt draft and test garment</td>
<td>PM: ch 4</td>
<td>Designing for a 3d form</td>
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<td>3</td>
<td>30-Jan</td>
<td></td>
<td>PM: ch 5-6</td>
<td>Visual and Oral presentation guidelines</td>
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<td></td>
<td>1-Feb</td>
<td>bodice image</td>
<td>PM: ch 5-6</td>
<td>Princess and advanced bodice designs</td>
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<td>4</td>
<td>6-Feb</td>
<td>Research project 1</td>
<td>PM: ch 7</td>
<td>Research Project 2</td>
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<td></td>
<td>8-Feb</td>
<td>Pattern Exercises A.</td>
<td>PM: ch 7</td>
<td>Line: eliminating darts to seams</td>
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<td>5</td>
<td>13-Feb</td>
<td></td>
<td>PM: ch 13</td>
<td>Connecting 2 pieces of different shapes</td>
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<td>15-Feb</td>
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<td>PM: ch 14</td>
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<td>6</td>
<td>20-Feb</td>
<td></td>
<td>PM: ch 18</td>
<td>Torso Block</td>
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<td>22-Feb</td>
<td>Pattern Exercises B.</td>
<td>PM: ch 15</td>
<td>LINE: princess /contour/style</td>
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<td>7</td>
<td>27-Feb</td>
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<td><a href="http://www.youtube.com/watch?v=Ayd15gpcNT8&amp;feature=related">http://www.youtube.com/watch?v=Ayd15gpcNT8&amp;feature=related</a></td>
<td>Intro to Draping: 3d sketching and pattern development</td>
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<td></td>
<td>1-Mar</td>
<td>Bodice drape and pattern (end of lab)</td>
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<td>Guest Speaker ?</td>
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<td>8</td>
<td>5-Mar</td>
<td>Research Project 2</td>
<td>PM: ch 13</td>
<td>Research Project 2 presentations</td>
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<tr>
<td></td>
<td>7-Mar</td>
<td>Torso exercises</td>
<td>PM: ch 14</td>
<td>Research Project 2 presentations</td>
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<td>9</td>
<td>12-Mar</td>
<td><strong>Spring Break</strong></td>
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<td>10</td>
<td>19-Mar</td>
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<td>Sleeves</td>
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<td>Week 11</td>
<td>Mar 21</td>
<td>3 preliminary problem concepts</td>
<td>Problem concept present and review</td>
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<td>Mar 26</td>
<td>Preliminary research + 25 Ideations</td>
<td>Ideation present and review</td>
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<td>Week 12</td>
<td>Apr 2</td>
<td>Sleeves Project</td>
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<td>Apr 4</td>
<td>Sleeves Project</td>
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<td>Week 13</td>
<td>Apr 9</td>
<td>Sleeves Project</td>
<td>Final Project</td>
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<td></td>
<td>Apr 11</td>
<td>25 Ideations</td>
<td>Final Project</td>
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<td>Week 14</td>
<td>Apr 16</td>
<td>Final Project</td>
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<td>Apr 18</td>
<td>Test Garment</td>
<td>Final Project:</td>
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<td>Week 15</td>
<td>Apr 23</td>
<td>Final Project</td>
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<td>Apr 25</td>
<td>Final Project</td>
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<td>Week 16</td>
<td>Apr 30</td>
<td>Final Project</td>
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<td>May 2</td>
<td>Final Project</td>
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<td>Portfolio Review Friday, May 11</td>
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