

Fashion Design and Apparel Technology Department  
West Valley College

## **FD 52A FABRIC ANALYSIS I**

**Units:** 3

**Pre-requisites:** None

**Grade Type:** Letter Grade or Credit/No Credit Option

**Time:** M/W 2:05-3:30 PM

**Location:** AAS 48

**Instructor:** Sally Aitken

**Office:** AAS 47

**Office Hrs:** Check schedule on office door

**Telephone:** (408) 741-2003

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**Fax:** (408) 741-2145

## **SYLLABUS—FALL 2004**

**Welcome to the Fashion Design and Apparel Technology Department and Fabric Analysis I.** This course is designed to help you succeed in your fashion career as well as in careers in related industries. While fabric information specific to fashion design is presented in depth, the information you learn in this class can be applied to the design of any product made from fabric. You will conduct analysis of fibers, yarns, fabric construction, coloration and finishes as they relate to specific industry aesthetic and performance requirements. You will also design fabrics, dye and print fabrics and experiment with various finishes as a way of reinforcing the basic information and extending your working knowledge of fabrics. This course is West Valley College Certificate applicable and A.A./A.S. Degree applicable.

### **COURSE OBJECTIVES: At the end of this course, you should be able to:**

- Describe the complexity of the textile industry and the role of the textile designer and the fashion designer to that industry.
- Identify the 5 major components that create fabric: fiber, yarn, structures, coloration and finish and describe how they contribute to a fabric's behavior and performance.
- Describe the stages in a fabric's manufacture.
- Understand and correctly use basic textile terminology.
- Identify a variety of common fabrics, by name, based on their specific fiber, yarn, structure, coloration and finish.
- Perform basic textile tests to determine a fabric's characteristics.
- Correctly apply knowledge of fabric characteristics when choosing a fabric for a garment design based on the garment's aesthetics and performance

requirements

### **SCANS Skills**

In 1991, the US Secretary of Education conducted a survey of the skills needed for success in the work place. This survey, the SCANS report (Secretary's Commission on Acquiring Necessary Skills) found American students lacked the basic skills for success in a number of key areas. As a result, SCANS skills have become a focus of education across the nation.

**In addition to learning about the communication, team work and problem solving, through activities in this course, you will have the opportunity to develop many of the SCANS skills including how to:**

1. Allocate time.
2. Allocate human resources through group work.
3. Work as a team member, exercise leadership and negotiate to reach agreement.
4. Work with people from culturally diverse backgrounds.
5. Acquire, evaluate, interpret and communicate information and use computers to process information.
6. Understand organizational systems as they relate to the organization of an apparel firm.
7. Improve reading, writing, listening and speaking skills.
8. Think creatively and make decisions.
9. Learn and reason.
10. Exercise individual responsibility; increase self-esteem, sociability, self-management and integrity.

**COURSE PREREQUISITES:** There are no prerequisites for this course. However, if you cannot read and write at the college level or if English is your second language, you may have difficulty with the work in this course. If you are unsure of your skill levels, you should go through the assessment process described in the Schedule of Classes or take advantage of the College support services available.

**TEXT:** The text for this class is ***Fabric Science***, Price, Cohen and Johnson. In addition, you **must** purchase ***The Textile Kit*** by Atex available at the WVC Bookstore.

### **Supplemental Materials:**

- **Course outlines** and copies of the **in-class presentations** have been placed on Reserve in the WVC library. There is no charge to use these materials, but a WVC Student ID card is needed to check them out. There is a copy machine available in the library if you need to make copies of any of the supplemental materials.
- **Terminology tapes** are available for this class. The term tapes are based on

term from the text ***Fabric Science***. You may listen to the tapes in the AV section of the library or take blank cassette tapes to the AV desk and an attendant will make a free copy for you to take with you. There are a total of seven 90-minute tapes.

- **Hard copies of the terms and definitions** on the term tapes is available for purchase in the WVC library.
- Many resources you may wish to use are available on the **Internet**. If you need access to the Internet or need to use a computer for coursework, you may use the Technology Center located in the AAS building. You will need to bring your student ID to the Technology Center for registration. You may also access the Internet and get writing assistance in the CAW (Computer Assisted Writing Lab) in the Library.

### **MATERIALS:**

- Pick glass also called a linen tester (included in swatch kit)
- Large embroidery needle—large diameter, about 3" long
- Magic transparent tape and double sided tape
- Scissors
- 3-ring binder to hold handouts
- 20 clear plastic page protectors.
- Index paper (stiff white paper about the weight of a file folder) available in bookstore or in office supply stores.

**You will need to bring your text, swatch kit, and a 3-ring binder, paper and pencils to class each day.**

### **MATERIALS FEE:**

Some fiber samples, dyes and pigments and printing supplies will be provided for your materials fee. Specific materials you will need to bring for the two dye/print sessions are on the attached materials list.

### **COURSE INFORMATION:**

Fabric Analysis I meets in AAS 48, twice a week for a total of 3 hours 20 minutes per week. This is a lecture course that requires a high degree of student participation. You will spend time in small and large group activities to reinforce lecture material. Your success in this class depends on your willingness to put effort into your work. You are expected to participate in all large and small group activities, exercises and discussions. Throughout the course, you are encouraged to bring in information and examples that relate to the subject matter and which can be shared with the class. Participation will help you master the subject matter and will be considered when determining your final grade.

### **PARTICIPATION involves:**

- **Paying attention.** Take notes, ask question and take responsibility for your own learning.
- **Working with others in group activities.** A chain is only as strong as its weakest link. Don't drag your team down by refusing to get involved.

- **Attending class regularly.** If you aren't here, you can't learn.

**ATTENDANCE:** You are expected to attend each class and to arrive on time. Roll is taken at the beginning of class.

- **LATE ARRIVAL:** Class starts promptly at 2:05 PM. However, if something unexpected happens, it is better to come late than not at all. Since tests and quizzes are given at the beginning of class, late arrival will have a negative impact on your grade. If you are late repeatedly or disrupt class with your tardiness, I have the right to drop you from the course.
- **ABSENCES:** If you are absent from class for any reason, it is your responsibility to contact a fellow student to obtain any missed handouts, notes or assignments. If you are absent 3 consecutive weeks without contacting me, you will be dropped from the class.
- If you know you will miss a class, please let me know as soon as possible. To obtain my assistance, please identify **in writing** the date you will miss, the reason for the absence and your proposed timeline for making up any missed work.
- If you have an emergency, become ill, have a death in the family, etc. you should notify me immediately. I can be reached by 24-hour voice mail at 741-2003. Show me the same courtesy as you would show your employer.

**HOMEWORK:** You can expect homework including reading and activities after each class session. It takes practice to develop a working knowledge of fabrics. College policy requires a minimum of 2 hours of outside work for every hour of lecture. Therefore you can expect **6 hours** of outside work **per week** from this class. **Plan your time accordingly.**

- Completing assignments on time is your responsibility. Each lesson builds on the lesson before it, so keeping up with the work is essential to your success in this course. In general, **late work is not accepted for credit** (unless you have contacted the instructor in which case the grade will be decreased 20%.) **Absence is not an excuse for failing to complete assignments on time.** You may fax or e-mail assignments if you are unable to attend class. (Both fax and e-mail date and time stamp the items so no late work is acceptable!)
- Assignments for the entire semester are outlined on the Course Outline provided the first day of class. It is your responsibility to ensure you understand the assignments and turn them in on time. If you do not understand an assignment, don't wait till the last minute to ask questions!!
- At times, assignments may be changed from what appears on your assignment sheet. If you miss a class, it is your responsibility to get the assignment and handouts from a fellow student.

- Assignments must be completed on the forms provided. **I will not accept the pages torn from your book or copied from the text in long hand.**
- Reading assignments are listed on your course outline. Read them **before you come to class** in order to get the maximum benefit from the information.

**QUIZZES AND EXAMS:** There are several tests scheduled on the course outline. There will also be a variety of unannounced pop quizzes. **Neither tests nor quizzes can be made up if missed.** As per College policy, Final Exams may not be given early for any reason.

**GRADING:** This course is offered for a letter grade or for Credit/No Credit. To receive credit, you pass the course with a “C” grade or better. A grade of “D” or “F” will result in No Credit for the course.

The grade book is always open to you. Accumulated points are placed on a curve to determine final grades. The top score in the class will be bench marked at 100%. While extra credit assignments are available, do not count on them to make up for missed work.

<b>EVALUATION:</b>	<b>POINTS</b>	
Class participation	50	90%+ = A
Homework assignments (18)	180	80%+ =B
Fabric Swatch Kit	20	70%+ = C
Quizzes	50	60%+ = D
Midterm exam 1	50	59%- = F
Midterm exam 2	50	
Fabric Research Sheets	50	
Final Exam	100	
<b>GRAND TOTAL</b>	<b>550 points</b>	

- **A grade of "A"** means your work was excellent in all areas and consistently surpassed all elements of the assignment/course.
- **A grade of "B"** means your work was very good, complete, consistent, and exceeded the minimum objective of the assignment/course.
- **A grade of "C"** means your work met the minimum objectives of the assignment/course.
- **A grade of "D"** means your work was not enough to fulfill the assignment/course objectives.
- **A grade of "F"** means you failed to do the assignment or failed to meet the minimum level of the course objectives.

**RESPONSIBILITY:** It is my responsibility to facilitate your learning and create an appropriate learning environment. It is your responsibility to take advantage of the opportunity to learn.

- There will be discussion periods almost every class. During these discussion we will all respect each other’s opinions-even if we do not agree with them.

Generally, these sessions will be conducted on a voluntary basis; however, I reserve the right to call on students or to request an individual to refrain from speaking if I feel they are interfering with the opportunity for others to speak.

- Cheating, plagiarism or knowingly furnishing false information are causes of disciplinary action by the College and will result in a failing grade for this course. (School policy 5.8.19.1.) I reserve the right to assign seats during examinations.

**COURTESY:** Out of courtesy to others, you are expected to **turn off your cell phone** when you enter the classroom. Cell phones may not be used during class for any reason. Failure to comply with this will result in two warnings followed by expulsion from class.

**CONTACTING THE INSTRUCTOR:** Please contact me directly at the phone and email listed on the first page. Do not contact the Secretary in the Division Office unless there is an emergency. Information may be picked up or dropped off during the normal Division Office hours. Call 741-2013 to check hours. Please respect office hours. Individual appointments are available upon request.

**SAFETY ISSUES:** In the case of fire, earthquake, bomb threat or other emergency evacuation, you are to exit the building through the loading area and meet in Parking Lot 3 (by the buss stop). **Do not leave without checking in with me!!!. Doing so may require personnel to risk their safety searching the building for you.**

It is recommended that you carry a small flashlight in your backpack or purse and bring it to each class session.

**Please note the following telephone numbers:**

Life threatening emergency--regular phone.....911  
Life threatening emergency--campus phone.....9-911  
Student health services on campus.....2222  
Safety escort service.....2092  
Nearest public phone.....outside main lobby of AAS building

**SUPPORT SERVICES:**

A variety of support services exist on the WVC campus to assist students who need career counseling, academic help, financial aid, tutoring or who are in educational transition or who have physical, emotional or learning disabilities. Check with the Career Program Center in AAS 35 or consult your class schedule for a list of telephone numbers.

West Valley College makes reasonable accommodations for persons with documented disabilities. College materials will be available in alternate formats (Braille, audio, electronic format, or large print) upon request. Please contact the Disability and Educational Support Program at (408) 741-2010 (voice) or (408) 741-2658 (TTY) for assistance.

**IMPORTANT DATES:** I hope you enjoy this class and stay to the very end, but if you decide to drop this course, **you must** file a drop slip at the admissions office. **FAILURE TO DO SO MAY RESULT IN A FAILING GRADE!**

Sept. 11	Last day to <b>drop</b> a class without a "W" (refund)
Sept. 17	Last Day to drop a class with out a "W" (no refund)
Nov. 19	Last day to <b>drop</b> a class with a "W"
Sept. 11	Last day to add a semester length class

Dec. 15-21 Final Exams

Jan. 10, 2005 Final grades available online or by phone at 741-2400