

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

 X Transfer Course X A.A. Degree applicable course
(Check all that apply)

COURSE NUMBER AND TITLE: FASH 110 Textiles

UNIT VALUE: 3

MINIMUM NUMBER OF SEMESTER HOURS: 64

BASIC SKILLS REQUIREMENTS:

Appropriate language skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Fibers, yarn, fabric construction, and finishes as related to selection, use, and care.

SPECIFIC COURSE OBJECTIVES:

Successful students will:

1. Visually identify fabrics using the proper nomenclature used in the production of apparel products.
2. Differentiate and identify all types of fabric construction and which type is most appropriate for a specific end use in apparel.
3. Experiment in lab with a variety of textile fibers and determine the fiber content through microscopic appearance and chemical tests where appropriate.
4. Determine the correct care of textile products based on the fiber content and end use.
5. Identify the types of finishes used on textile fabrics used for apparel.
6. Visually recognize the most likely dye type and printing process used on textile fabrics produced for apparel.
7. Classify fibers, yarns, and fabrics according to their unique properties of appearance and performance.
8. Discuss the laws and regulations that effect textile products.
9. Clarify the different methods of textile manufacturing based on fiber type.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Welcome, Introductions & Ice Breaker, Syllabus, Assignments, Class Policies, Pre-Assessment
- II. Fiber Properties
- III. Natural Fibers
- IV. Man-Made Fibers
- V. Special Use Fibers
- VI. Yarns
- VII. Woven Fabric
- VIII. Knits, Non-Woven
- IX. Finishes
- X. Dyeing and Printing
- XI. Textile Care
- XII. Textile Laws and Regulations

REQUIRED READING:

- Pizzuto, J.J., Fabric Science Swatch Kit, Fairchild Publications, New York, New York. 1998, 7th Edition.
- Pizzuto, J.J., Fabric Science, Fairchild Publications, New York, New York, 1999. 7th Edition.

SUGGESTED READING:

None.

REQUIRED WRITING:

1. Lab Reports: Each student will complete the required lab assignments, which require written explanations of what they observe in the experiments and written evaluation of each lab.
2. Minor Fiber Project: Each student will present a written research paper on one minor fiber.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

- Completion of lab packets.
- Research for minor fiber project.
- Required reading.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes X No _____

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

- | | |
|--------------|-------------------------|
| 100%-90% = A | Labs – 30% |
| 89%-80% = B | Oral Presentation – 15% |
| 79%-70% = C | Exams (2) – 25% |
| 69%-60% = D | Final Exam – 30% |
| 59% -> = F | |

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes _____ No x Number of times course may be taken for credit: 1

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

CONTACT PERSON: Nancy Galli, ext: 2352

SIGNATURES ON FILE