

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 147 – Advanced Computer Aided Design (CAD) for Fashion

UNIT VALUE: 3

MINIMUM NUMBER OF SEMESTER HOURS: 96

BASIC SKILLS REQUIREMENTS: Appropriate Language and Computational Skills

ENTRANCE REQUIREMENTS

PREREQUISITE: FASH 146

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Advanced theory and hands-on operation of CAD systems for fashion pattern making including pattern making blocks, grading, and marker making. Emphasis is placed on productivity and manufacturability for the fashion design industry.

SPECIFIC COURSE OBJECTIVES:

Successful students will:

1. solve novel problems relating to industrial pattern making applications;
2. analyze and solve pattern making problems for productivity and manufacturability;
3. apply principles necessary to produce a line of apparel, including working patterns;
4. apply industry standard grading techniques to advanced patterns;
5. marker principles and techniques;
6. grade patterns per industry standards.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. File and pattern management techniques
- II. Creation of blocks and symbols
- III. Advanced plotting techniques
- IV. Advanced operation system commands
- V. Advanced marker principles and techniques
- VI. Advanced fashion industry grading techniques
- VII. Create designs to test pattern making skills
- VIII. Create hard copy portfolio of designs and pattern making skills
- IX. Apply industry standard grading techniques.

REQUIRED READING:

Armstrong, Helen Joseph. Patterning for Fashion Design. New York: Harper & Row Publishers Inc., 1999.

Price, Jeanne, and Bernard Zamkoff. Grading Techniques for Modern Design. New York: Fairchild Publications, 1996.

SUGGESTED READING:

None.

REQUIRED WRITING:

Designer worksheet, 1 page; garment evaluation and problem-solving, 2 pages.

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.

Preparation may include such activities as reading in assigned texts or journals in the library. Review of lecture material and assigned exercises.

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 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):

- 60% Weekly or biweekly assignments are submitted and evaluated based on the week's previously provided information and evaluating criteria.
- 25% One midterm examination on approximately the 8th week of the course testing for general knowledge of the subject studied in that interim.
- 15% A comprehensive final examination including written and performance skills related to the subjects presented in the course.

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

Yes X No _____ Number of times course may be taken for credit: 2

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

CONTACT PERSON: Cristina Tejeda, ext: 2357

SIGNATURES ON FILE: