UNIVERSITY COLLEGE of the FRASER VALLEY

PAC FORM #2

COURSE IMPLEMENTATION DATE:[September 2001]
COURSE REVISED: [ ]
COURSE TO BE REVIEWED DATE:[September 2005]
(Four years after implementation date)

OFFICIAL COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.

Shaded headings are subject to change at the discretion of the department and material will vary - see course syllabus available from instructor

FACULTY/DEPARTMENT: FASHION DESIGN

FD 265		**3**
COURSE NAME/NUMBER	FORMER COURSE NUMBER	UCFV CREDITS

COMPUTER APPLICATIONS FOR APPAREL

COURSE DESCRIPTIVE TITLE

CALENDAR DESCRIPTION:
This course focuses on the skill and knowledge required to handle technological changes as the occur in the apparel industry. Students will gain understanding and competence utilizing Apparel specific CAD programs and technology. Students will have the opportunity to incorporate and demonstrate competence utilizing the skills, knowledge and abilities acquired through the Fashion Program during a work practicum in the Apparel Industry. The practicum consists of 40 hours (one week) onsite, at a business operating in the Apparel field.

PREREQUISITES : FD 263, FD 281 and FD 283 or Instructor's Permission

COREQUISITES: None

SYNONYMOUS COURSE(S)

(a) Replaces: N/A
(Course #)

(b) Cannot take N/A for further credit
(Course #)

SERVICE COURSE TO:

(Department / Program)

(Department / Program)

TOTAL HOURS PER TERM: 79

STRUCTURE OF HOURS:

Lectures:	12	hrs
Seminar:		hrs
Laboratory:	14	hrs
Field Experience:		hrs
Student Directed Learning:	13	hrs
Other (Specify): Work practicum	40	hrs

TRAINING DAY-BASED INSTRUCTION

LENGTH OF COURSE:

HOURS PER DAY:

MAXIMUM ENROLMENT: 20

EXPECTED FREQUENCY OF COURSE OFFERING: Once per calendar year

WILL TRANSFER CREDIT BE REQUESTED? **YES** _____ **NO** _____

TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE: **YES** _____ **NO** **X**

AUTHORIZATION SIGNATURES:

Course designer(s): Gayle Ramsden

Chairperson: *(Curriculum Committee)*

Department Head: Gayle Ramsden

Dean: Virginia Cooke

PAC Approval in Principle Date:

PAC Final Approval Date: December 13, 2000

_____
COURSE NAME / NUMBER

LEARNING OBJECTIVES / GOALS / OUTCOMES/ LEARNING OUTCOMES:

Learners will understand complex applications of technology within the design and production stages of the apparel industry.

Students who successfully complete this course will have practiced and demonstrated competency in the application and operation of a variety of apparel specific programs and will understand the principles and processes necessary to;

- digitize and grade patterns through the application of grade tables and file generation.
- calculate economical layplans and produce efficient markers in relation to fabric constraints and size ratios.
- manipulate and / or alter pattern pieces and drafts.
- generate technical line drawings.
- interface freehand illustrations to computer applications via a scanner.
- utilize basic word processing applications to develop garment labels, business cards and stationery.
- produce accurate specification documents - combining technical drawings with text.
- utilize specific applications to generate storyboards, concept presentations and colour-ways via computer.
- work collaboratively with others identify tasks, analyze situations, make recommendations and apply skills to communicate ideas and assess results.
- develop a cover letter and resume which highlights apparel related skills, experience and abilities.

Learners will recognize the flexibility and depth offered through computer applications for the development, marketing and presentation of apparel products.

Learners should demonstrate the ability to make independent judgements, be adaptable to change and a variety of perspectives.

Learners will have the opportunity to interact with industry professionals to gain insight and practical knowledge of the work environment, with emphasis on working collaboratively in a team environment.

A portfolio of computer generated exercises will be developed.

METHODS:

Lecture, demonstration and independent research.
Practical application of skills, knowledge and procedures and group interaction.
Contact with industry professionals, peers and instructors.
Completion of projects requiring problem solving, brainstorming, collaborative interaction and sound judgements.
Group discussions, collaborative activities and teamwork

PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Credit can be awarded for this course through PLAR YES _____ NO _____

METHODS OF OBTAINING PLAR:

TEXTBOOKS, REFERENCES, MATERIALS:

No Required Text

Reference manuals as supplied in class for specific software programs.

SUPPLIES / MATERIALS:

3-Ring Binder
Lined note paper
Removable Tape
Plastic Protective pages
2H pencils
Two 3 ½ " high density diskettes

STUDENT EVALUATION:

Work Practicum: Employer and Student self-assessment	Favorable
Technical resource portfolio of all exercises and modules	65%
Manufacturing Simulation- Group project	20%
Quiz(zes)	15%

To successfully complete this course, punctuality and regular attendance is essential. 10% per day will be deducted for late assignments up to a maximum of 3 days, then a mark "0"% will be assigned.

COURSE CONTENT:

Team work / Collaborative work environments

Word Processing Applications:
Developing and personalizing a Resume data base;
Resumes - Importance
- Styles and Formats
- Personalizing touches.

Cover Letters

Personal Marketing Tools
- Business Cards, Stationery logos
- Scanning images to serve insert into documents.
- Garment labels

Pattern Entry and Development
- Digitizing
- Grade rule application and development
- Cad system operation
- Pattern drafting and manipulations.
- Altering existing styles.
- Creating new style lines
- Ensuring Accuracy.

Marker development and fabric efficiency.
- Layplans / Size Ratios
- Influence of fabric constraints
- Parameters

Technical line drawings (Karat Cad and Adobe Illustrator)
- inserting into Cost Sheets.
- Style specifications
- Line Layout - Cataloging

Design/Merchandising systems for creating story-boards, concept boards, colourways

Inventory Control, BarCodes

Technical Reports, Data transmission

Work Practicum