Fashion Apparel Design (FAB)
Course Descriptions, Credits & Contact Hours and Prerequisites

FAB-101 Introduction to Fashion Systems [3.00 cr.]
This course provides students an overview of the multifaceted, global fashion industry, including sourcing, production, sustainability, wholesale and retail, marketing, calendar and technology. Students will also be introduced to major fashion milestones with a focus on the 19th through 21st centuries. Lecture [3.00]. Prerequisites: None; Co-requisites: None.

FAB-102 Textile Science and Construction [3.00 cr.]
This course is an introduction to textile science, including natural and synthetic fiber sourcing, and the variety of construction techniques. Emphasis is placed on identifying and evaluating fiber and fabric construction characteristics, correct use of terminology and determining appropriate uses in the design and construction of garments. Lecture [3.00]. Prerequisites: FAB-101; Co-requisites: None.

FAB-110 Sewing Techniques I [3.00 cr.]
This course teaches the fundamentals of professional sewing and apparel construction techniques. Students learn basic cutting, sewing and finishing by hand and by machine. Lecture [2.00], Laboratory [2.00]. Prerequisites: None; Co-requisites: None.

FAB-112 Flat Pattern Design I [3.00 cr.]
This course focuses on garment design through flat pattern manipulation, including basic slash and spread and pivot methods of design development. Students use the basic slopers to create original designs. Lecture [2.00], Laboratory [2.00]. Prerequisites: FAB-110, ART-124; Co-requisites: FAB-113.

FAB-113 Draping I [3.00 cr.]
This course focuses on garment design through draping on a dress form using muslin. Students learn the basics of grain, line and silhouette to create their own designs. Lecture [2.00], Laboratory [2.00]. Prerequisites: FAB-110, 120; Co-requisites: FAB-112.

ART-123 Life Drawing I [3.00 cr.]
This course is an intensive study of the anatomy and structure of the human figure as rendered in pencil, brush, charcoal, and ink. Emphasis is placed upon line perspective, form, value, and space relationships. Lecture [2.00], Laboratory [2.00]. Prerequisites: None; Co-requisites: None.

ART-124 Drawing Fundamentals [3.00 cr.]
This course teaches free and schematic drawing skills necessary for advanced studio applications in the visual arts. Lecture [2.00], Laboratory [2.00]. Prerequisites: None; Co-requisites: None.
ART-197 Computer Imaging [3.00 cr.]
This course teaches the basic principles of digital image processing and manipulation, including scanning, editing, color correction, color separations, special effects and transformation techniques. This course emphasizes the methods used to scan images from photographs, to retouch and alter these images, and to create bit-mapped illustrations. Lecture [2.00], Laboratory [2.00]. Prerequisites: None; Co-requisites: None.

FAB-210 Sewing Techniques II [3.00 cr.]
This course builds on Sewing Techniques I, providing students with more advanced construction and finishing techniques, including sleeve insertion, pockets and closures. Lecture [2.00], Laboratory [2.00]. Prerequisites: FAB-110; Co-requisites: FAB-112, 113.

FAB-212 Flat Pattern Design II [3.00 cr.]
This course builds on FAB-112, providing students with more advanced flat patternmaking techniques. Students develop sloper variations including the two-piece sleeve, jacket and pleated pants slopers. Lecture [2.00], Laboratory [2.00]. Prerequisites: FAB-112; Co-requisites: FAB-213.

FAB-213 Draping II [3.00 cr.]
This course builds on FAB-113, providing students with more advanced draping techniques. Students develop design variations including the two-piece sleeve, jacket and pleated pants designs. Lecture [2.00], Laboratory [2.00]. Prerequisites: FAB-113; Co-requisites: FAB-212.

FAB-230 Trend Analysis & Product Development [3.00 cr.]
This course enables students to understand, analyze and forecast fashion trends in order to successfully develop products from concept to consumer, with focus on sustainability. Students examine the fashion merchandising and marketing process, including product, price, place and promotion. Lecture [2.00], Laboratory [2.00]. Prerequisites: FAB-101, 102; Co-requisites: None.

FAB-231 Tech Packs: Digital Flats and Specs [3.00 cr.]
This course teaches students how to develop “tech packs” and garment specification sheets using manual and digital techniques such as flat garment measurement to communicate style development. An emphasis is placed on the accurate collection and communication of data for the development of first patterns, fittings, grading and production. Lecture [2.00], Laboratory [2.00]. Prerequisites: FAB-230; Co-requisites: ART-197.

FAB-250 Design Capstone/E-Portfolio [4.00 cr.]
This course integrates all previous coursework into a final capstone project. Students will design and present two completed garments as part of a final 10-piece women’s apparel collection based on current trends, including the technical specifications needed for production. In addition, students will prepare an e-portfolio of their collection. Lecture [3.00], Laboratory [3.00]. Prerequisites: FAB-212, 213, 230; Co-requisites: ART-197, 231.