

TEXTILES, MERCHANDISING AND FASHION DESIGN (TMFD)

TMFD 104 Computer Basics for TMFD

Description: Computer aided design software functions and processes specific to textiles, merchandising and fashion design. Introduction to design software at the basic level.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Grading Option: Graded with Option

TMFD 112 Product Development I: Garment Assembly

Description: Technical experience in stitch applications, garment construction and finishes and fundamental fit. Experiences in diverse disciplines within the department and their relation to the global textile and apparel professions and industries.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Prerequisite for: TMFD 216

Course and Laboratory Fee: \$80

Experiential Learning: Case/Project-Based Learning

TMFD 121 Visual Communication with Animation

Notes: Non-majors only.

Description: An introduction to animation and design fundamentals and their application in visual communications. Problems and solutions will be explored relative to the needs of various professions that use images and animations to convey meaning.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ACE: ACE 2 Communication Competence

Course and Laboratory Fee: \$15

Experiential Learning: Creative Activity

TMFD 123 Clothing and Society: You Are What You Wear

Description: Analysis of social, cultural, aesthetic, and economic influences on clothing and human behavior.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

ACE: ACE 9 Global/Diversity

TMFD 123H Honors: Clothing and Human Behavior

Prerequisites: Good standing in the University Honors Program or by invitation.

Description: Analysis of social, cultural, aesthetic, and economic influences on clothing and human behavior.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

TMFD 144 Introduction to Design Theory and Criticism

Description: Describe, analyze, interpret and evaluate two and three dimensional design forms.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 312; TMFD 314

ACE: ACE 2 Communication Competence

TMFD 145 Color Studio: Theory and Practice

Description: Explore color concepts in two and three dimensional formats. Emphasis on applications to visual merchandising, product development, and fashion design.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 312; TMFD 314

Course and Laboratory Fee: \$100

TMFD 146 Visualization Studio

Description: Develop perceptual and analytical drawing skills through visual problem solving using various media and techniques. Emphasis on developing skills applicable to fashion and textile representation.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 312; TMFD 314

Course and Laboratory Fee: \$45

TMFD 206 Textiles

Prerequisites: Sophomore standing.

Description: Fibers, yarns, fabric construction, and finishes as they affect use and care.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

ACE: ACE 4 Science

Course and Laboratory Fee: \$10

Experiential Learning: Case/Project-Based Learning

TMFD 212 Product Development II: Apparel Analysis and Development

Description: Analysis and evaluation of apparel structure. Design, style, and construction variations as related to quality, price, and performance.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 216

Course and Laboratory Fee: \$20

Experiential Learning: Case/Project-Based Learning

TMFD 213 Merchandising I: Textile and Apparel Industry

Description: Textile and apparel industry processes. Social, cultural, and economic influences on the industry including entrepreneurship.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Experiential Learning: Case/Project-Based Learning

TMFD 216 Apparel Design by Flat Pattern

Prerequisites: TMFD 112 and TMFD 212

Description: Creative experience in apparel design through the use of flat pattern methods.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Course and Laboratory Fee: \$30

TMFD 312 Product Development III: Fashion Analysis and Presentation

Prerequisites: TMFD major. TMFD 144, TMFD 145, TMFD 146, and TMFD 212.

Description: Drawing garments and the fashion figure. Aesthetic styling and presentation, refining product specifications, and interpretations of current trends. Intermediate application of computer-aided design in flat drawings and visual presentations.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 495

Course and Laboratory Fee: \$20

TMFD 313 Merchandising II: Merchandise Buying and Control

Prerequisites: 3 hrs MATH or STAT

Description: Role and responsibilities of apparel and/or home furnishings merchandisers in a retail operation. Fundamentals of merchandise mathematics and its application to computer technology.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 495

TMFD 314 Textiles and Apparel Merchandising and Promotion

Prerequisites: TMFD 144, TMFD 145, and TMFD 146

Description: Store and non-store visual merchandising and promotion for textiles and apparel. Includes strategies for branding and target market in both real and virtual platforms.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 495

Course and Laboratory Fee: \$60

TMFD 399 Independent Study

Description: Readings in current literature and individual problems.

Credit Hours: 1-5

Min credits per semester: 1

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded with Option

TMFD 403 Apparel Design by Draping

Crosslisted with: TMFD 803

Prerequisites: TMFD 212 & TMFD 216 for TMFD 403 ONLY

Description: Creative experience in designing apparel through the use of draping techniques.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 471, TMFD 871; TMFD 495; TMFD 823

Course and Laboratory Fee: \$25

TMFD 405 Advanced Textiles

Crosslisted with: TMFD 805

Prerequisites: Prerequisite for TMFD 405 ONLY: TMFD 206; CHEM 105A and 105L or CHEM 109A and 109L or CHEM 113A and 113L.

Description: Recent advances in the production and performance of fibers, yarns, finishes and dyes for textile products. Lab experiences designed to familiarize the students with standards, methods and equipment for evaluating textile product performance.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 495

TMFD 406 Textile Testing and Evaluation

Crosslisted with: TMFD 806

Prerequisites: TMFD 206 required for TMFD 406 only

Description: Physical and chemical analysis of textiles using standard testing procedures. The calculation, interpretation, and evaluation of test results.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 495

TMFD 407 History of Dress

Crosslisted with: TMFD 807

Prerequisites: Junior standing, AHIS 101 or 102 or 3 hrs HIST 130 or 131 for TMFD 407 ONLY

Description: Theoretical approach to the history of dress from ancient times through the twentieth century; examining dress in the context of social, economic, and artistic development of Western culture.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Prerequisite for: TMFD 876, ANTH 883

ACE: ACE 5 Humanities

TMFD 408 Textiles, Technology and Culture**Crosslisted with:** TMFD 808**Prerequisites:** TMFD 408: Junior standing, TMFD 206, AHIS 101 or 102 or 3 hrs HIST 130 or 131. Undergraduate Only.**Description:** Textiles in the context of social, technical, political, aesthetic, and economic developments in the cultures of Europe, Asia, the Middle East, Africa and the Americas. Emphasis is placed on the relationship between social, technical, and aesthetic qualities of textiles, and their transformations, as well as stylistic similarities and differences across cultural and historical contexts.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded with Option**Prerequisite for:** TMFD 876, ANTH 883**ACE:** ACE 5 Humanities**TMFD 410 Body, Dress and Identity****Crosslisted with:** TMFD 810, WMNS 410A, WMNS 810A**Prerequisites:** TMFD 410 ONLY: Junior or Senior standing; 3hrs PSYC or SOCI; TMFD 123.**Description:** Theories and research findings about the social, cultural, and psychological aspects of clothing and appearance in relation to the self and others. Special emphasis will be placed on relationship(s) between the body, dress, and personal and social identities.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded with Option**Offered:** SPRING**Prerequisite for:** TMFD 910**TMFD 412 Product Development IV: Trend Analysis & Product Conceptualization****Crosslisted with:** TMFD 812**Prerequisites:** SR Standing; For Merch and Textile and Apparel Design option: TMFD312, MRKT300 & 6 hrs from following: ACCT200, ECON200, BLAW300, FINA300, MNGT300. For Textile Sci & Textile, Merch & Fashion Design Comm option: TMFD312 & ECON200. for TMFD412 undrgrd only
Description: Synthesis of process involved in product development from product initiation to the development of market strategies. Career and portfolio development.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded with Option**Offered:** FALL**ACE:** ACE 10 Integrated Product**TMFD 413 Merchandising III: Textiles & Apparel Merchandise Development & Retail Strategies****Crosslisted with:** TMFD 813**Prerequisites:** ACCT 200 or 201 or 201H, MKRT 300 or 341 or 341H, TMFD 313 and 314; for Undergraduate ONLY.**Description:** Problems involved in consumer decision making, merchandise development and planning, retail strategies, and marketing practices specific to the textile and apparel industry.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded with Option**Prerequisite for:** TMFD 907; TMFD 913**TMFD 416 Apparel Design for Industry****Crosslisted with:** TMFD 816**Prerequisites:** TMFD 212, 216 and 403.**Notes:** Creative experience.**Description:** Designing apparel, computer-aided design, pattern making, and line development for specific markets.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 6**Grading Option:** Graded with Option**Prerequisite for:** TMFD 495; TMFD 823**Course and Laboratory Fee:** \$20**TMFD 420 Launch a Product in a Semester****Crosslisted with:** TMFD 820**Prerequisites:** Undergraduate only TMFD 212; Jr. standing or above**Description:** Small business start-up, launching products within organizations or setting new growth strategies in a short period of time. Emphasis on knowledge of entrepreneurial management and development strategies and growth in team-work settings.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**Offered:** SPRING**Experiential Learning:** Case/Project-Based Learning**TMFD 422 International Textile and Apparel Sourcing****Crosslisted with:** TMFD 822**Prerequisites:** Senior Standing and TMFD 313 for TMFD 422 ONLY**Description:** Comprehensive study of issues involved in global sourcing, including the scope, trends, and sustainability of current practices. An analysis of cultural, political, ethical, and economic perspectives related to global sourcing, production, trade and distribution of textiles and apparel products.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded with Option**TMFD 425 Advanced Design for Printed Textiles****Crosslisted with:** TMFD 825**Prerequisites:** TMFD 145 & TMFD 146 for Undergraduate Only;**Description:** Digital and other media for printed textiles. Design development, professional practices, and expressive and communicative concepts.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded with Option**Prerequisite for:** TMFD 495**Course and Laboratory Fee:** \$50

TMFD 428 Coloration

Crosslisted with: TMFD 828

Prerequisites: 4 hrs CHEM and TMFD 206, for TMFD 428 (undergraduate) ONLY

Description: Application classes of dyes. Physical and chemical properties of dyes within each class, methods of dye-fiber association, fastness properties of dyes, and recommended application procedures.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

Course and Laboratory Fee: \$10

TMFD 471 Experimental Apparel Design

Crosslisted with: TMFD 871

Prerequisites: TMFD 803 for Graduate Level Course Only.

Description: Advanced work in the creation of apparel as visual communication. Design conceptualization with experimentation in media, structure, technique, and presentation.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 6

Grading Option: Graded with Option

Prerequisite for: TMFD 495

Course and Laboratory Fee: \$35

TMFD 477 Gender and Material Culture

Crosslisted with: TMFD 877, WMNS 477, WMNS 877

Prerequisites: Junior Standing; 3 hours in any of the following areas: ANTH, SOCI, HIST, AHIS, TMFD or WMNS.

Description: In depth analysis of the relationship between material culture and gender roles, categories, and performances. Engages with theoretical frameworks for material culture and gender, as well as topics such as the body, clothing, the built environment, technology and media.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

TMFD 490 Workshop/Seminar

Prerequisites: Permission.

Notes: Presented by department faculty and visiting artists, scholars and scientists.

Description: Opportunity to analyze and evaluate techniques, develop skills, or study topics of special interest.

Credit Hours: 1-3

Min credits per semester: 1

Max credits per semester: 3

Max credits per degree: 9

Grading Option: Graded with Option

TMFD 490A Workshop/Seminar - Textiles

Crosslisted with: TMFD 890A

Description: Workshops on a variety of topics by department faculty and visiting artists, scholars and scientists. Opportunity to analyze and evaluate techniques, develop skills, or study topics of special interest.

Credit Hours: 1-3

Min credits per semester: 1

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

TMFD 490B Workshop/Seminar - Fashion

Crosslisted with: TMFD 890B

Description: Workshops on a variety of topics by department faculty and visiting artists, scholars and scientists. Opportunity to analyze and evaluate techniques, develop skills, or study topics of special interest.

Credit Hours: 1-3

Min credits per semester: 1

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

TMFD 490D Workshop/Seminar - Design

Crosslisted with: TMFD 890D

Description: Workshops on a variety of topics by department faculty and visiting artists, scholars and scientists. Opportunity to analyze and evaluate techniques, develop skills, or study topics of special interest.

Credit Hours: 1-3

Min credits per semester: 1

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded with Option

TMFD 492 Professional Study Tour-International or Domestic

Crosslisted with: TMFD 892

Prerequisites: 12 hrs TMFD courses and permission for TMFD 892 only.

Description: The textile and apparel industry. Visits to museums, showrooms, manufacturers, retail establishments in major domestic and/or foreign markets such as: New York City, Paris, London, Milan, Prague, Shanghai, Seoul.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 9

Grading Option: Graded with Option

Experiential Learning: Fieldwork

TMFD 493 Domestic Study Tour

Crosslisted with: TMFD 893

Prerequisites: 12 hrs. TMFD courses.

Notes: The credit hours for this course will be determined by the length of the study tour. Tours of 3-4 days will be for 1 credit and 5-8 will be for 2 credits. Students may repeat this course for credit.

Description: The apparel, accessories and soft goods marketplaces and manufacturing throughout the U.S. provide excellent arenas for learning. Short domestic study tours including but not limited to such centers of soft good commerce as Las Vegas, Minneapolis/St. Paul, Chicago, Dallas/Ft. Worth and other regional locations.

Credit Hours: 1-2

Min credits per semester: 1

Max credits per semester: 2

Max credits per degree: 4

Grading Option: Graded

TMFD 495 Internship

Prerequisites: TMFD Jr. standing, min. 2.75 GPA in TMFD courses; any prereqs that are required for specific option. Merch:TMFD 313 & 314. Textile Sci:TMFD 405 or 406. Comm:TMFD 312. Textile & Apparel Design:TMFD 403 & one of the following; TMFD 416, TMFD 425 or 471

Notes: Requires an application for the internship with the TMFD department and with the employer. Letter Grade only.

Description: Supervised individual professional experience with a qualified cooperative practicing professional.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Experiential Learning: Internship/Co-op

TMFD 496 Independent Study

Crosslisted with: TMFD 896

Prerequisites: 12 hrs TMFD courses and permission for TMFD 896 only.

Description: Individual projects in research, literature review, or creative production.

Credit Hours: 1-5

Min credits per semester: 1

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded with Option

TMFD 496A Independent Study - Textiles

Crosslisted with: TMFD 896A

Prerequisites: 12 hrs TMFD courses and permission for TMFD 896 only.

Description: Individual projects in research, literature review, or creative production.

Credit Hours: 1-5

Min credits per semester: 1

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded with Option

TMFD 496B Independent Study - Fashion

Crosslisted with: TMFD 896B

Prerequisites: 12 hrs TMFD courses and permission for TMFD 896 only.

Description: Individual projects in research, literature review, or creative production.

Credit Hours: 1-5

Min credits per semester: 1

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded with Option

TMFD 496D Independent Study - Design

Crosslisted with: TMFD 896D

Prerequisites: 12 hrs TMFD courses and permission for TMFD 896 only.

Description: Individual projects in research, literature review, or creative production.

Credit Hours: 1-5

Min credits per semester: 1

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded with Option

TMFD 499 Undergraduate Research

Prerequisites: Senior standing.

Credit Hours: 1-6

Min credits per semester: 1

Max credits per semester: 6

Max credits per degree: 6

Grading Option: Graded with Option