

# 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

**Format:** LAB

## 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

**Format:** SDO

**Prerequisite for:** TMFD 216

## TMFD 121 Visual Communication and Presentation

**Notes:** Non-majors only.

**Description:** An introduction to design fundamentals and their application in visual communications. Design problems and solutions will be explored and considered relative to the needs of various professions that use images to convey information.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**ACE:** ACE 2 Communication Competence

## 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

**Format:** LEC

**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

**Format:** LEC

## 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

**Format:** LEC

**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

**Format:** SDO

**Prerequisite for:** TMFD 312; TMFD 314

## 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

**Format:** SDO

**Prerequisite for:** TMFD 312; TMFD 314

## 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

**Format:** LEC

**ACE:** ACE 4 Science

## 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

**Format:** LEC

**Prerequisite for:** TMFD 216; TMFD 403, TMFD 803

## 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

**Format:** LEC

## 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

**Format:** SDO

**Prerequisite for:** TMFD 403, TMFD 803

**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

**Format:** LEC

**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

**Format:** LEC

**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

**Format:** LEC

**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

**Format:** IND

**TMFD 403 Apparel Design by Draping**

**Crosslisted with:** TMFD 803

**Prerequisites:** TMFD 212 and 216

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

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 6

**Format:** SDO

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

**TMFD 405 Advanced Textiles**

**Crosslisted with:** TMFD 805

**Prerequisites:** TMFD 206; CHEM 105 or 109 or 113.

**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

**Format:** LEC

**TMFD 406 Textile Testing and Evaluation**

**Crosslisted with:** TMFD 806

**Prerequisites:** TMFD 206.

**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

**Format:** LEC

**TMFD 407 History of Dress**

**Crosslisted with:** TMFD 807

**Prerequisites:** Junior standing, AHIS 101 or 102 or 3 hrs HIST 130 or 131

**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

**Format:** LEC

**Prerequisite for:** TMFD 876, ANTH 883

**ACE:** ACE 5 Humanities

**TMFD 408 Textiles, Technology and Culture**

**Crosslisted with:** TMFD 808

**Prerequisites:** Junior standing, TMFD 206, AHIS 101 or 102 or 3 hrs HIST 130 or 131.

**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

**Format:** LEC

**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:** Senior standing; 3 hrs 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

**Format:** LEC

**TMFD 412 Product Development IV: Trend Analysis & Product Conceptualization****Crosslisted with:** TMFD 812**Prerequisites:** Senior Standing; For Merch and Textile and Apparel Design option: TMFD 312, MRKT 300 & 6 hrs from the the following: ACCT 200, ECON 200, BLAW 300, FINA 300, MGNT 300. For Textile Sci & Textile, Merch & Fashion Design Comm option: TMFD 312 and ECON 200.**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**Format:** LEC**ACE:** ACE 10 Integrated Product**TMFD 413 Merchandising III: Textiles & Apparel Merchandise Development & Retail Strategies****Crosslisted with:** TMFD 813**Prerequisites:** ACCT 200; MRKT 300 and 3 hrs from any of the following: ECON 200, BLAW 300, FINA 300, MNGT 300; TMFD 313 and 314.**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**Format:** LEC**Prerequisite for:** TMFD 907**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**Format:** SDO**Prerequisite for:** TMFD 823**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**Format:** LEC**Offered:** SPRING**TMFD 422 International Textile and Apparel Sourcing****Crosslisted with:** TMFD 822**Prerequisites:** Senior Standing and TMFD 313**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**Format:** LEC**TMFD 425 Advanced Design for Printed Textiles****Crosslisted with:** TMFD 825**Prerequisites:** TMFD 144, TMFD 145, and TMFD 146.**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**Format:** SDO**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**Format:** LEC**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**Format:** SDO**TMFD 477 Gender and Material Culture****Crosslisted with:** TMFD 877, WMNS 477, WMNS 877, ANTH 467, ANTH 867**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**Format:** LEC

**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

**Format:** LEC

**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

**Format:** LEC

**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

**Format:** LEC

**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

**Format:** LEC

**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:** 2-4

**Min credits per semester:** 2

**Max credits per semester:** 4

**Max credits per degree:** 4

**Format:** FLD

**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

**Format:** FLD

**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

**Format:** IND

**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

**Format:** IND

**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

**Format:** IND

**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

**Format:** IND

**TMFD 498 Internship**

**Prerequisites:** 2.5 overall GPA, 79 hrs toward deg; 3.0 GPA in TMFD courses; & prereqs. For Merch:TMFD 313&314. For Textiles Sci:TMFD 405or406. For Textiles, Merch & Fashion Design Comm: TMFD 314&407or408or410. For Textile & Apparel Design:TMFD 403or416or425.

**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:** 2-6

**Min credits per semester:** 2

**Max credits per semester:** 6

**Max credits per degree:** 6

**Format:** IND

**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

**Format:** IND