

FS 3210 - PRODUCT DEVELOPMENT + MANAGEMENT

Credits: 3

In this course, students will learn product development processes and practice techniques to convert their design concepts into 3D products by developing pre-production technical packages and style presentations. The course will emphasize product management, sourcing, and scheduling. Students will practice making practical, time-based decisions aligned with local and global supply chains. Upon successful completion of this course, students will have a working knowledge of managing the development of knit and woven products from concept to production.

Prerequisites: FS 2411- Digital Design I

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Explore the tools and concepts of product development and management.	Student work displayed an excellent degree of competence in exploring tools and concepts of product development and management.	Student work displayed a satisfactory degree of competence in exploring tools and concepts of product development and management.	Student work displayed a limited degree of competence in exploring tools and concepts of product development and management.	Student work displayed no degree of competence in exploring tools and concepts of product development and management.	FS1, FS4	Critical Thinking, Cultural Competence, Design Competence, Communication Competence
Develop product development strategies with a practical understanding of the market and style trends, fashion categories, and competitive product analysis.	Student work displayed an excellent degree of competence in developing product development strategies.	Student work displayed a satisfactory degree of competence in developing product development strategies.	Student work displayed a limited degree of competence in developing product development strategies.	Student work displayed no degree of competence in developing product development strategies.	FS1, FS2	Design Competence, Cultural Competence, Critical Thinking
Apply the process of product development to the creation of technical packages for fashion garments.	Student work displayed an excellent degree of competence in applying the product development process by creating technical packages.	Student work displayed a satisfactory degree of competence in applying the product development process by creating technical packages.	Student work displayed a limited degree of competence in applying the product development process by creating technical packages.	Student work displayed no degree of competence in applying the product development process by creating technical packages.	FS3, FS4	Critical Thinking, Design Competence, Communication Competence
Apply technology to create pre-production documents for local and global supply chains.	Student work displayed an excellent degree of competence in applying technology to create pre-production documents.	Student work displayed a satisfactory degree of competence in applying technology to create pre-production documents.	Student work displayed a limited degree of competence in applying technology to create pre-production documents.	Student work displayed no degree of competence in applying technology to create pre-production documents.	FS2, FS4	Critical Thinking, Communication Competence, Design Competence, Cultural Competence
Demonstrate effective communication skills through professional tech packs and style presentations.	Student work displayed an excellent degree of competence in demonstrating effective communication skills through tech packs and style presentations.	Student work displayed a satisfactory degree of competence in demonstrating effective communication skills through tech packs and style presentations.	Student work displayed a limited degree of competence in demonstrating effective communication skills through tech packs and style presentations.	Student work displayed no degree of competence in demonstrating effective communication skills through tech packs and style presentations.	FS5, FS6	Critical Thinking, Communication Competence, Design Competence, Cultural Competence

This course is
changing
from lecture
to studio for
23-24