FS 1320 - TECHNICAL STUDIO I

Credits: 3

This freshman-level course focuses on the fundamentals of sewing, pattern drafting, draping and garment construction techniques while introducing students to design thinking and creative methods to extrapolate and develop design ideas beyond the basic sloper. Students will also be introduced to 3D exploration and technology, sketch-based ideation and small scale sampling to fully explore design and construction possibilities.

Prerequisites: None

Notes: (Formerly FS 1310 Construction I: Industry Sewing Basics)

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Demonstrate knowledge of proper industrial sewing machine maintenance and operation.	Student work displayed an excellent degree of demonstrating knowledge of proper industrial sewing machine maintenance and operation.	Student work displayed a satisfactory degree of demonstrating knowledge of proper industrial sewing machine maintenance and operation.	Student work displayed a limited degree of demonstrating knowledge of proper industrial sewing machine maintenance and operation.	Student work displayed no degree of demonstrating knowledge of proper industrial sewing machine maintenance and operation.	FS4	Critical Thinking, Communication Competence, Design Competence
Demonstrate knowledge of the basic garment parts, assembly, finishing and construction.	Student work displayed an excellent degree of demonstrating knowledge of the basic garment parts, assembly, finishing and construction.	Student work displayed a satisfactory degree of demonstrating knowledge of the basic garment parts, assembly, finishing and construction.	Student work displayed a limited degree of demonstrating knowledge of the basic garment parts, assembly, finishing and construction.	Student work displayed no degree of demonstrating knowledge of the basic garment parts, assembly, finishing and construction.	FS4	Critical Thinking, Communication Competence, Design Competence
Demonstrate an understanding of body measurements, fit and morphology, and the basic principles of patternmaking and draping.	Student work displayed an excellent degree of demonstrating an understanding of body measurements, fit and morphology, and the basic principles of patternmaking and draping.	Student work displayed a satisfactory degree of demonstrating an understanding of body measurements, fit and morphology, and the basic principles of patternmaking and draping.	Student work displayed a limited degree of demonstrating an understanding of body measurements, fit and morphology, and the basic principles of patternmaking and draping.	Student work displayed no degree of demonstrating an understanding of body measurements, fit and morphology, and the basic principles of patternmaking and draping.	FS4, FS5	Critical Thinking, Communication Competence, Design Competence, Cultural Competence
Conduct design exploration beyond the sloper through 3D experimentation and sampling.	Student work displayed an excellent degree of conducting design exploration beyond the sloper through 3D experimentation and sampling.	Student work displayed a satisfactory degree of conducting design exploration beyond the sloper through 3D experimentation and sampling.	Student work displayed a limited degree of conducting design exploration beyond the sloper through 3D experimentation and sampling.	Student work displayed no degree of conducting design exploration beyond the sloper through 3D experimentation and sampling.	FS4	Critical Thinking, Communication Competence, Design Competence
Apply design thinking, iteration development, research, inspiration collection through effective use of sketchbooking.	Student work displayed an excellent degree of developing a practice of design thinking and iteration fluency through research, inspiration collection and effective use of sketchbooking.	Student work displayed a satisfactory degree of developing a practice of design thinking and iteration fluency through research, inspiration collection and effective use of sketchbooking.	Student work displayed a limited degree of developing a practice of design thinking and iteration fluency through research, inspiration collection and effective use of sketchbooking.	Student work displayed no degree of developing a practice of design thinking and iteration fluency through research, inspiration collection and effective use of sketchbooking.	FS1, FS5	Critical Thinking, Design Competence, Cultural Competence
Demonstrate the basic use of 3D technology to create digital 2D patterns.	Student work displayed an excellent degree of using basic 3D technology to view 2D patterns.	Student work displayed a satisfactory degree of using basic 3D technology to view 2D patterns.	Student work displayed a limited degree of using basic 3D technology to view 2D patterns.	Student work displayed no degree of using basic 3D technology to view 2D patterns.	FS4	Critical Thinking, Communication Competence, Design Competence