

FS 3320 Technical Studio III

Credits: 3

This course introduces students to the concept of form and shape and how they can effectively and creatively manipulate patterns, draping and fabrics to achieve dimensional design concepts. Using advanced concept ideation and development, and patternmaking and draping techniques, students will explore and play with proportion, volume and the characteristics of shape and scale. Students will creatively experiment and move back and forth from 2D to 3D processes as a way to explore design development and garment component and detail variations. The appropriate tailoring, couture and finishing techniques, and 3D digital technology will be introduced.

Prerequisites: FS2321 Technical Studio II

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Understand the characteristics of form and shape by fabric qualities and morphology.	Student work displayed an excellent degree of understanding the characteristics of form and shape by fabric qualities and morphology.	Student work displayed a satisfactory degree of understanding the characteristics of form and shape by fabric qualities and morphology.	Student work displayed a limited degree of understanding the characteristics of form and shape by fabric qualities and morphology.	Student work displayed no degree of understanding the characteristics of form and shape by fabric qualities and morphology.	FS3	Critical Thinking, Design Competence
Demonstrate creative and advanced skills in manipulating basic patterns and draping to meet design ideas, structural goals, scale, accuracy and fit.	Student work displayed an excellent degree of demonstrating creative and advanced skills in manipulating basic patterns and draping.	Student work displayed a satisfactory degree of demonstrating creative and advanced skills in manipulating basic patterns and draping.	Student work displayed a limited degree of demonstrating creative and advanced skills in manipulating basic patterns and draping.	Student work displayed no degree of demonstrating creative and advanced skills in manipulating basic patterns and draping.	FS4	Critical Thinking, Communication Competence, Design Competence
Explore creative experimentation in the execution of garment development, design and construction both by hand and digitally.	Student work displayed an excellent degree of exploring creative experimentation in the execution of garment development, design and construction.	Student work displayed a satisfactory degree of exploring creative experimentation in the execution of garment development, design and construction.	Student work displayed a limited degree of knowledge of exploring creative experimentation in the execution of garment development, design and construction.	Student work displayed no degree of exploring creative experimentation in the execution of garment development, design and construction.	FS4, FS5	Critical Thinking, Communication Competence, Cultural Competence, Design Competence
Demonstrate proficient and rapid 2D and 3D iteration and sampling processes.	Student work displayed an excellent degree of demonstrating proficient and rapid 2D and 3D iteration and sampling processes.	Student work displayed a satisfactory degree of demonstrating proficient and rapid 2D and 3D iteration and sampling processes.	Student work displayed a limited degree of demonstrating proficient and rapid 2D and 3D iteration and sampling processes.	Student work displayed no degree of demonstrating proficient and rapid 2D and 3D iteration and sampling processes.	FS2	Critical Thinking, Cultural Competence, Design Competence
Advanced design thinking, ideation development, research, inspiration collection and effective use of sketchbooking.	Student work displayed an excellent degree of advanced design thinking, ideation development, research, inspiration collection and effective use of sketchbooking.	Student work displayed a satisfactory degree of advanced design thinking, ideation development, research, inspiration collection and effective use of sketchbooking.	Student work displayed a limited degree of advanced design thinking, ideation development, research, inspiration collection and effective use of sketchbooking.	Student work displayed no degree of advanced design thinking, ideation development, research, inspiration collection and effective use of sketchbooking.	FS4, FS5	Critical Thinking, Communication Competence, Design Competence, Cultural Competence
Demonstrate complex construction and finishing skills.	Student work displayed an excellent degree of demonstrating complex construction and finishing skills.	Student work displayed a satisfactory degree of demonstrating complex construction and finishing skills.	Student work displayed a limited degree of knowledge of demonstrating complex construction and finishing skills.	Student work displayed no degree of demonstrating complex construction and finishing skills.	FS2	Critical Thinking, Cultural Competence, Design Competence
Use 3D technology to ideate, draft patterns, drape, fit and present designs.	Student work displayed an excellent degree of using 3D technology to ideate, draft patterns, drape, fit and present designs.	Student work displayed a satisfactory degree of using 3D technology to ideate, draft patterns, drape, fit and present designs.	Student work displayed a limited degree of using 3D technology to ideate, draft patterns, drape, fit and present designs.	Student work displayed no degree of using 3D technology to ideate, draft patterns, drape, fit and present designs.	FS4	Critical Thinking, Cultural Competence, Design Competence
Create a full tech package.	Student work displayed an excellent degree of creating a full tech package.	Student work displayed a satisfactory degree of creating a full tech package.	Student work displayed a limited degree of creating a full tech package.	Student work displayed no degree of creating a full tech package.	FS1, FS4	Critical Thinking, Cultural Competence, Design Competence, , Communication Competence