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							
Course Learning							
Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes	
	Student work displayed an	Student work displayed a	Student work displayed a				
	excellent degree of	satisfactory degree of	limited degree of	Student work displayed no			
Demonstrate knowledge of	demonstrating knowledge of	demonstrating knowledge of	demonstrating knowledge of	degree of demonstrating		Critical Thinking, Communication	
proper industrial sewing machine maintenance and	proper industrial sewing machine maintenance and	proper industrial sewing machine maintenance and	proper industrial sewing machine maintenance and	knowledge of proper industrial sewing machine		Competence, Design	
operation.	operation.	operation.	operation.	maintenance and operation.	FS4	Competence	
	Student work displayed an	Student work displayed a	Student work displayed a	maintenance and operation.	134	Competence	
	excellent degree of	satisfactory degree of	limited degree of	Student work displayed no			
Demonstrate knowledge of	demonstrating knowledge of	demonstrating knowledge of	demonstrating knowledge of	degree of demonstrating		Critical Thinking,	
the basic garment parts,	the basic garment parts,	the basic garment parts,	the basic garment parts,	knowledge of the basic		Communication	
assembly, finishing and	assembly, finishing and	assembly, finishing and	assembly, finishing and	garment parts, assembly,		Competence, Design	
construction.	construction.	construction.	construction.	finishing and construction.	FS4	Competence	
	Student work displayed an	Student work displayed a	Student work displayed a				
	excellent degree of	satisfactory degree of	limited degree of	Student work displayed no			
Demonstrate an	demonstrating an	demonstrating an	demonstrating an	degree of demonstrating an			
understanding of body	understanding of body	understanding of body	understanding of body	understanding of body		Critical Thinking,	
measurements, fit and	measurements, fit and	measurements, fit and	measurements, fit and	measurements, fit and		Communication	
morphology, and the basic principles of patternmaking	morphology, and the basic principles of patternmaking	morphology, and the basic principles of patternmaking	morphology, and the basic principles of patternmaking	morphology, and the basic principles of patternmaking		Competence, Design Competence, Cultural	
and draping.	and draping.	and draping.	and draping.	and draping.	FS4, FS5	Competence, Cultural Competence	
and draping.	Student work displayed an	Student work displayed a	Student work displayed a	and draping.	134,133	Competence	
	excellent degree of	satisfactory degree of	limited degree of conducting	Student work displayed no			
Conduct design exploration	conducting design	conducting design	design exploration beyond	degree of conducting design		Critical Thinking,	
beyond the sloper through 3D		exploration beyond the sloper	the sloper through 3D	exploration beyond the sloper		Communication	
experimentation and	through 3D experimentation	through 3D experimentation	experimentation and	through 3D experimentation		Competence, Design	
sampling.	and sampling.	and sampling.	sampling.	and sampling.	FS4	Competence	
	Student work displayed an	Student work displayed a					
	excellent degree of	satisfactory degree of	Student work displayed a	Student work displayed no			
	developing a practice of	developing a practice of	limited degree of developing	degree of developing a			
Develop a practice of design	design thinking and iteration	design thinking and iteration	a practice of design thinking	practice of design thinking			
thinking and iteration fluency through research, inspiration	fluency through research, inspiration collection and	fluency through research, inspiration collection and	and iteration fluency through research, inspiration	and iteration fluency through research, inspiration		Critical This kin a Desire	
collection and effective use of	effective use of	effective use of	collection and effective use of	collection and effective use of		Critical Thinking, Design Competence, Cultural	
sketchbooking.	sketchbooking.	sketchbooking.	sketchbooking.	sketchbooking.	FS1, FS5	Competence	
sketeribooking.	Student work displayed an	Student work displayed a	Student work displayed a	Student work displayed no	1 31,1 33	Critical Thinking,	
	excellent degree of using	satisfactory degree of using	limited degree of using basic	degree of using basic 3D		Communication	
Use of basic 3D technology to	basic 3D technology to view	basic 3D technology to view	3D technology to view 2D	technology to view 2D		Competence, Design	
view 2D patterns.	2D patterns.	2D patterns.	patterns.	patterns.	FS4	Competence	

Image: set in the		
Image: select		
Image: set of the		
Image: set in the		
Image: set of the		
Image: set in the		
Image: set of the		
Image: series of the series		
Image: set of the		
Image: set of the		
Image: series of the series		
Image: series of the series		
Image: series of the series		
Image: series of the series		
Image: set of the		
Image: set of the		
Image: series of the series		
Image: series of the series		
Image: series of the series		
Image: selection of the		
Image: second		
Image: select		
Image: second		
Image: sector		
Image: set of the set of th		
Image: Section of the section of t		
Image: sector		
Image: sector		
Image: second		
Image: select		
Image: state Image: state<		

Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: state in the state i				
Image: state in the state				
Image: section of the section of th				
Image: state in the state				
Image: state in the state				
Image: state in the state				
And International Intern				
Image: state in the state i				
Image: stateImage: state <td< td=""><td></td><td></td><td></td><td></td></td<>				
Image: series of the series				
Image: series of the series				
Image: space of the space of				
Image: space s				
Image: space of the space of				
Image: space s				
Index				
Image: selection of the				
Image: selection of the				
Image: selection of the				
Image: state in the state in				
Image: state of the state				
Image: Section of the section of th				
Image: second				
Image: Section of the section of th				
Image: Constraint of the second sec				

Index				
Index <td></td> <td></td> <td></td> <td></td>				
Index				
IndexInde				
Index				
Index				
IndexInde				
Index				
IndexInde				
IndexInde				
IndexInde				
Index				
Index<IndexIndexIndex<IndexIndexIndexIndexIndexIndexIndex<Index<				
Index<IndexIndexIndex<IndexIndexIndexIndexIndexIndexIndex<Index<				
Image: series of the series				
Image: series of the series				
Image: series of the series				
Image: series of the series				
Image: selection of the				
Image: selection of the				
Image: Second				
Image: Second				
Image: state in the state				
Image: second				
Index				
Image: state s				
Image: section of the section of th				
Image: section of the section of th				
Image: state in the state in				
Image: section of the section of th				
Image: series of the series				
Image: state in the state in				
Image: series of the series				
Image: selection of the				
Image: selection of the				
Image: state in the state				
Image: sector				
Image: state Image: state<				
Image: second				

Image: state I				
Image: state I				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: section of the section of t				
Image: second				
Image: section of the section of t				
Image: sector				
Image: sector				
Image: section of the section of t				
Image: section of the section of t				
Image: state stat				
Image: sector				
Image: state I				
Image: section of the section of th				
Image: state in the state				
Image: state in the state				
Image: state I				
Index<				
Image: series of the series				
Image: series of the series				
Index				
Image: state in the state in				
Image: section of the section of th				
Index 				
Index				
Image: series of the series				
Index 				
Index 				
Index 				
Index<Index<IndexIndex<Index<Index<IndexIndexIndexIndex<Index<IndexIndex<Index<Index<Index<Index<Index<Index<Index<Index<IndexIndex<IndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndex<IndexIndexIndexIndex<Index<Index<Index<Index<IndexIndexIndexIndexIndexIndexIndexIndex				
Image: series of the series				
Index				
Index				
Index				
Image: space s				
Index				
Index				
Image: series of the				
Image: Second				
Image: series of the				
Image: state				
Image: Constraint of the second sec				

Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state in the state i				
Image: state in the state				
Image: state in the state				
Image: state in the state				
Image: state in the state				
Image: state in the state				
And International Intern				
Image: state in the state i				
Image: state in the state i				
Image: state in the state in				
Image: section of the section of th				
Image: series of the series				
Image: space of the space of				
Image: series of the series				
Image: space of the space of				
Index				
Index				
Image: selection of the				
Index				
Image: selection of the				
And ConstraintsAnd C				
Image: state in the state				
Image: series of the				
Image: second				
Image: state of the state of				
Image: Constraint of the second sec				

Image: state I				
Image: state I				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: section of the section of t				
Image: second				
Image: section of the section of t				
Image: sector				
Image: sector				
Image: section of the section of t				
Image: section of the section of t				
Image: state stat				
Image: sector				
Image: state I				
Image: section of the section of th				
Image: state in the state				
Image: state in the state				
Image: state I				
Index<				
Image: series of the series				
Image: series of the series				
Index				
Image: state in the state in				
Image: section of the section of th				
Index 				
Index				
Image: series of the series				
Index 				
Index 				
Index 				
Index<Index<IndexIndex<Index<Index<IndexIndexIndexIndex<Index<IndexIndex<Index<Index<Index<Index<Index<Index<Index<Index<IndexIndex<IndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndex<IndexIndexIndexIndex<Index<Index<Index<Index<IndexIndexIndexIndexIndexIndexIndexIndex				
Image: series of the series				
Index				
Index				
Index				
Image: space s				
Index				
Index				
Image: series of the				
Image: Second				
Image: series of the				
Image: state				
Image: Constraint of the second sec				

Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: section of the section of t		
Image: section of the section of t		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: Section of the section of th		
Image: second		
Image: second		
Image: second		
Image: Sector of the sector		
Image: Sector of the sector		
Image: Sector of the sector		
Image: selection of the selection		
Image: selection of the selection		
Image: selection of the selection		
Image: second		
Image: Sector of the sector		
Image: state Image: state<		
Image: Part of the second se		
Image:		

Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state stat				
Image: state in the state i				
Image: state in the state				
Image: state in the state				
Image: state in the state				
Image: state in the state				
Image: state in the state				
And International Intern				
Image: state in the state i				
Image: state in the state i				
Image: state in the state in				
Image: section of the section of th				
Image: series of the series				
Image: space of the space of				
Image: series of the series				
Image: space of the space of				
Index				
Index				
Image: selection of the				
Index				
Image: selection of the				
And ConstraintsAnd C				
Image: state in the state				
Image: series of the				
Image: second				
Image: state of the state of				
Image: Constraint of the second sec				

Image: state I				
Image: state I				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: state I				
Image: section of the section of t				
Image: section of the section of t				
Image: section of the section of t				
Image: section of the section of th				
Image: state I				
Image: state Image: state <th< td=""><td></td><td></td><td></td><td></td></th<>				
Image: section of the section of t				
Image: section of the section of t				
Image: state in the state				
Image: state in the state i				
Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Ima				
Image: sector				
Image: section of the section of th				
Image: state I				
Index<				
Interpresent Interpr				
Image: state image: stateImage: state image: state image: state image: state image: state image: state image: stateImage: state image: state <td></td> <td></td> <td></td> <td></td>				
Index				
Image: state in the state in				
Index<				
Index Index Index Index 				
Index				
IndexI				
Index				
Image: state in the state in				
Index 				
Index<Index<IndexIndex<Index<Index<IndexIndexIndexIndexIndexIndex<IndexIndex<Index<Index<Index<Index<Index<Index<Index<Index<Index<Index <t< td=""><td></td><td></td><td></td><td></td></t<>				
Image: series of the series				
Index				
Index				
Index				
Image: space s				
Index				
Index				
Image: series of the series				
Image: Section of the sectio				
Image: series of the				
Image: state				
Image: Second se				

IndexI				
IndexI				
Index				
Index				
Image: section of the section of th				
Image: section of the section of th				
Image: section of the section of th				
Image: section of the section of th				
Image: selection of the				
Image: selection of the				
Image: Second				
Image: Second				
Image: state in the state in				
Image: space s				
Image: state s				
Image: state s				
Image: state in the state in				
Image: series of the series				
Image: section of the section of th				
Image: space of the space of				
Image: series of the series				
Image: space of the space of				
Image: series of the series				
Image: selection of the				
Image: select				
Image: Section of the section of th				
Image: state Image: state<				
Image: Section of the section of th				
Image: Section of the section of t				
Image: Constraint of the second sec				

Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: Second				
Image: section of the section of t				
Image: state in the state				
Image: state in the state				
Image: state in the state				
Image: state in the state				
Image: state in the state				
And International Intern				
Image: state in the state i				
Image: state in the state i				
Image: state in the state in				
Image: state in the state				
Image: series of the series				
IndexI				
Image: space of the space of				
Image: series of the series				
Image: space of the space of				
Image: space s				
Index				
Image: selection of the				
Index				
Image: selection of the				
And ConstraintsAnd C				
Image: Section of the section of th				
Image: series of the				
Image: second				
Image: state of the state of				
Image: Constraint of the second sec				

Image: state		
Image: state		
Image: state		
Image: state		
Image: state		
Image: state		
Image: state		
Image: state		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state s		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: state in the state in		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
Image: section of the section of th		
IndexI		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: second		
Image: select		
Image: select		
Image: select		
Image: selection of the selection		
Image: selection of the selection		
Image: state stat		
Image: state stat		
Image: state stat		
Image: Second		
Image: second		
Image: state Image: state Image: state		
Image: Constraint of the second sec		

Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: selection of the selection				
Image: state in the state				
Image: state in the state				
Image: state in the state i				
Image: stateImage: s				
Image: second				
Index				
Image: state in the state in				
And Construction <td< td=""><td></td><td></td><td></td><td></td></td<>				
And <br< td=""><td></td><td></td><td></td><td></td></br<>				
Image: section of the section of th				
Image: space s				
Image: section of the section of th				
Image: space s				
Image: series of the series				
Image: space s				
Index				
Image: space s				
Index				
Image: series of the series				
And ConstraintAnd <b< td=""><td></td><td></td><td></td><td></td></b<>				
Image: selection of the				
Image: series of the				
Image: state Image: state<				
Image: Section of the section of t				
Image: second se				

Image: state I				
Image: state I				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: sector				
Image: state I				
Image: section of the section of th				
Image: section of the section of t				
Image: section of the section of th				
Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Image: state Ima				
Image: second				
Image: section of the section of t				
Image: state				
Image: state in the state				
Image: section of the section of t				
Image: state I				
Image: sector				
Image: section of the section of th				
Image: state I				
Index<				
Interpresent Interpr				
Image: state image: stateImage: state image: state image: state image: state image: state image: state image: stateImage: state image: state <td></td> <td></td> <td></td> <td></td>				
Index				
Image: state in the state in				
Index<				
Index Index Index Index 				
Index				
IndexI				
Index 				
Index <td></td> <td></td> <td></td> <td></td>				
Index 				
Index<Index<IndexIndex<Index<Index<IndexIndexIndexIndex<Index<Index<Index<Index<Index<Index<Index<Index<Index<Index<Index<Index<Index<IndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndex<IndexIndexIndex<Index<Index<Index<Index<Index<IndexIndex<Index<Index<IndexIndexIndex<Index<<				
Image: series of the series				
Index				
Index				
Index 				
Image: series of the series				
Index				
Index				
Image: series of the series				
Image: Section of the sectio				
Image: series of the				
Image: state				
Image: Second se				