

## FS 2350 Sustainable Construction Techniques

Credits: 3

Students in this course will gain the technical skills necessary to repair, reinvent, and construct garments sustainably for longevity and circularity. Emphasis is on understanding efficient sourcing, pattern making, and professional practice techniques in creating minimal waste in the construction process. This course will teach students how and when to apply a range of techniques such as zero waste, upcycling, tailoring and mending, design for disassembly, and minimal seam construction. Upon successful completion of the course, students will learn to plan and design efficiently with an understanding of the importance that classic design, sustainable fabrication choices, and good fit will extend the garment lifecycle.

Students must enroll in this course to meet the requirements of the Sustainable Design Specialization.

Prerequisites: FS 1080 Introduction to Sustainable Fashion Design and FS 2310 Construction III: Flat Pattern Techniques

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	New Institutional Outcomes
Demonstrate a range of sustainable construction techniques.	Student work displayed an excellent degree of demonstrating a range of sustainable construction techniques.	Student work displayed a satisfactory degree of demonstrating a range of sustainable construction techniques.	Student work displayed a limited degree of demonstrating a range of sustainable construction techniques.	Student work displayed no degree of demonstrating a range of sustainable construction techniques.	FS3	Critical Thinking, Communication Competence
Understand pattern marking for fabric efficiency and zero waste pattern cutting to eliminate textile waste.	Student work displayed an excellent degree of understanding patterning making for efficiency and eliminating textile waste.	Student work displayed a satisfactory degree of understanding patterning making for efficiency and eliminating textile waste.	Student work displayed a limited degree of understanding patterning making for efficiency and eliminating textile waste.	Student work displayed no degree of understanding patterning making for efficiency and eliminating textile waste.	FS3	Critical Thinking, Communication Competence
Learn to make, tailor or mend quality garments that are long-lasting.	Student work displayed an excellent degree of learning to make, tailor or mend quality garments.	Student work displayed a satisfactory degree of learning to make, tailor or mend quality garments.	Student work displayed a limited degree of learning to make, tailor or mend quality garments.	Student work displayed no degree of learning to make, tailor or mend quality garments.	FS3	Critical Thinking, Communication Competence
Create an original design and apply two or more sustainable construction methods.	Student work displayed an excellent degree of creating an original design and applying two or more sustainable construction methods.	Student work displayed a satisfactory degree of creating an original design and applying two or more sustainable construction methods.	Student work displayed a limited degree of creating an original design and applying two or more sustainable construction methods.	Student work displayed no degree of creating an original design and applying two or more sustainable construction methods.	FS1	Design Competence, Cultural Competence
Discuss how to choose which sustainable construction methods to use based on the project.	Student work displayed an excellent degree of discussing how to choose which sustainable construction methods to use.	Student work displayed a satisfactory degree of discussing how to choose which sustainable construction methods to use.	Student work displayed a limited degree of discussing how to choose which sustainable construction methods to use.	Student work displayed no degree of discussing how to choose which sustainable construction methods to use.	FS5	Critical Thinking, Communication Competence, Design Competence, Cultural Competence