

FS 2410 - DESIGN TECHNOLOGIES

Credits: 3

This course introduces students to the fundamentals of computer-aided design (CAD) used by leading apparel and textile companies for design rendering, and textile development. Upon successful completion of this course, students will have a comprehensive scope of the CAD technologies available to them for documenting, translating, and engineering their design intentions for market presentation.

Prerequisites: FS 1110 - Fashion Design I and FD 1020 - 2D Design: Elements + Principles

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Demonstrate technical drawing methods in apparel and textile design for the manufacturing process.	Student work displayed an excellent degree of competence in technical drawings	Student work displayed a satisfactory degree of competence in technical drawings	Student work displayed a limited degree of competence in technical drawings	Student work displayed no degree of competence in technical drawings	FS3	Critical Thinking, Communication Competence, Design Competence
Develop industry specific techniques in software used in the apparel industry.	Student work displayed an excellent degree of competence in applying software to apparel industry	Student work displayed a satisfactory degree of competence in applying software to apparel industry	Student work displayed a limited degree of competence in applying software to apparel industry	Student work displayed no degree of competence in applying software to apparel industry	FS3	Critical Thinking, Communication Competence, Design Competence
Employ computer aided design in the development of sketching techniques, color stories, line planning, silhouette, and fabric design for market presentation.	Student work displayed an excellent degree of competence in using software for market presentations	Student work displayed a satisfactory degree of competence in using software for market presentations	Student work displayed a limited degree of competence in using software for market presentations	Student work displayed no degree of competence in using software for market presentations	FS2	Critical Thinking, Cultural Competence, Design Competence
Recognize the role of technology in the manufacturing process.	Student work displayed an excellent degree of competence in applying technology to manufacturing principles	Student work displayed a satisfactory degree of competence in applying technology to manufacturing principles	Student work displayed a limited degree of competence in applying technology to manufacturing principles	Student work displayed no degree of competence in applying technology to manufacturing principles	FS5	Critical Thinking, Communication Competence, Design Competence, Cultural Competence