

PRINT DESIGN (PRNT)

PRNT 101: Intro to Print Design

This course introduces the basic concepts and processes of analog and digital printing methods. Students will learn the hands on process of screen-printing as well as the technical process of large format digital printing. This class explores the use of printing as a vehicle for both creative expression and visual communication. This course is closed to all Textile Design majors.

Credits: 3

College: School of Design & Engineering

Prerequisites: ARFD 102 or DSGF 203 or VDES 101 or INDD 102 [Min Grade: D]

Schedule Type: Lecture, Studio

PRNT 301: Printing Practices

This course introduces production of printed textiles by hand-screen and digital fabric printing methods. Students will learn a technical process of color separations, screen making and printing in both digital and conventional (hands on) modes. Integration of digital and hands-on printing are encouraged toward the end of the course. The main focus is placed on aesthetics of color and styling in textile design on fabric. Sketchbook study will be required to document design processes, ideas and drawings.

Credits: 3

College: School of Design & Engineering

Prerequisites: TEXT 206 or PRNT 305 [Min Grade: D]

Schedule Type: By Appointment - 2 students, Lecture, Studio

PRNT 303: Print Design Studio I

Techniques, materials, tools and basic information needed for the design on paper of printed fabrics for the apparel and home furnishing fields are studied. Hands on approaches with gouache and watercolor are used to prepare colorway and repeats. Students prepare a portfolio and learn to keep a sketchbook. A brief introduction to printing methods is included

Credits: 3

College: School of Design & Engineering

Prerequisites: DRAW 303 [Min Grade: D]

Schedule Type: Lecture, Studio

PRNT 305: Textile Printing Technology

The theory and practice of all aspects of industrial printing techniques are presented in a lecture/demonstration/lab format. Cloth preparation and finishing, machinery, dyestuffs and various print styles are included. This course offers practical background knowledge to students with primary interest in textile design, styling, marketing, quality control and textile manufacturing.

Credits: 3

College: School of Design & Engineering

Schedule Type: Lab, Lecture, Lecture/Lab

PRNT 307: Printing Technology

The course consists of lecture and lab that focuses on the principles, techniques and chemical processes involved with printing technologies. This course covers printing mechanisms, chemistry, coloration systems and styles for impact, non-impact, additive and subtractive printing. Media preparation, post treatment (fixation) and industrial testing standards are also examined. At the same time, the course also introduces the principal of surface Imaging supply chains, including design, manufacturing, marketing, product distribution and as well as ecological practices. This is an undergraduate elective course for all students. At the same time, it is one of designated elective courses for Textile Design major.

Credits: 3

College: School of Design & Engineering

Schedule Type: Lecture, Studio

PRNT 315: Print Design Studio II

This course focuses on creative use of CAD in surface patterning, which integrates with hands-on design applications that students acquired in PRNT- 303 Print Design I. Digital workflow, which includes scanning croquis, designing pattern on CAD, digital color matching and color ways will be introduced. At the same time, strong emphasis is placed on making croquis, which develop from drawings and paintings in the sketchbook. Students will create printed textile designs and patterns for Jacquard designs on paper with digital printers for apparel and home furnishing fields. Throughout the semester, sketchbook study will also be required to document the working process, as well as drawings and paintings.

Credits: 3

College: School of Design & Engineering

Prerequisites: PRNT 303 [Min Grade: C]

Schedule Type: Lecture, Lecture/Studio Combination, Studio

PRNT 331: Print Design Studio III

Advanced course to give students further necessary experience in developing and producing creative designs for special markets, end uses and fabrics. Market research is required before projects are begun.

Credits: 3

College: School of Design & Engineering

Prerequisites: PRNT 315 [Min Grade: D]

Schedule Type: By Appointment, Lecture, Studio