GID 53A: BEGINNING T-SHIRT DESIGN & GARMENT PRINTING

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2022
Units:	4
Hours:	3 lecture, 3 laboratory per week (72 total per quarter)
Advisory:	Not open to students with credit in GID 53.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Student Learning Outcomes

- Demonstrate an understanding of the function of communication design and personal expression in garment printing.
- Critically evaluate, define and discuss his or her own projects and the projects of student peers.
- Design works of art for garment printing.
- Recognize and appreciate the artistic contributions made by people from diverse cultures and backgrounds.
- Demonstrate a basic understanding of the management of a printmaking studio including scheduling, safety, and clean up.
- Print designs on garments using hand cut and photographic stencils.
- Prepare production art and film positives for screenprinting.
- Understand work flow and basic operations of a printmaking studio.

Description

Basic instruction in design and printing for wearable art. Students learn techniques for image creation and preparation of artwork for screenprinting on t-shirts. Development of personal visual style while learning workflow of a professional printing studio.

Course Objectives

The student will be able to:

1. demonstrate an understanding of the function of communication design and personal expression in garment printing.
2. demonstrate an understanding of the preparation of artwork for garment printing.
3. demonstrate a basic understanding of the management of a printmaking studio including scheduling, safety, and clean up.
4. design works of art for garment printing.
5. prepare production art and film positives for screenprinting.
6. print designs on garments using hand cut and photographic stencils.
7. understand work flow and basic operations of a printmaking studio.

8. critically evaluate, define and discuss their own projects and the projects of student peers.
9. recognize and appreciate the artistic contributions made by people from diverse cultures and backgrounds.

Course Content

1. Garment printing design
   a. History of garment printing and the contributions of diverse cultures (Lec)
   b. Design for communication, identity and marketing (Lec)
   c. Design for personal and cultural expression (Lec)
   d. Sketches, rough layouts, and finished comps
2. Preparation of artwork for garment printing
   a. Preparation of artwork for garment printing (Lec)
   b. Production art strategies for registering colors (Lec)
   c. Preparation of hand-drawn and hand-cut color separations (Lab)
3. Methods and materials
   a. Methods and materials (Lec)
   b. Reading and understanding Material Safety Data sheets (Lec)
   c. Screenprinting inks and modifiers for garment printing (Lec)
   d. Screen degreasers (Lec)
   e. Emulsion for photographic screenprinting (Lec)
   f. Screen reclaimers(Lec)
   g. Environmental concerns and personal safety (Lec)
4. Screen preparation for photographic screenprinting
   a. Photographic screenprinting procedures (Lec)
   b. Production art strategies for screen preparation and registration (Lec)
   c. Darkroom set up and clean up (Lab)
   d. Coating a screen with photographic emulsion (Lab)
   e. Exposing a screen with photographic emulsion (Lab)
   f. Reclaiming a screen by removing photographic emulsion with reclaimer (Lab)
5. Screenprinting designs on t-shirts
   a. Screenprinting designs on t-shirts (Lec)
   b. Mixing ink (Lab)
   c. Screenprinting workstation set up (Lab)
   d. Using Screenprinting tools (Lab)
   e. Screenprinting (Lec)
   f. Registering the printed image (Lec)
   g. Drying and curing inks (Lec)
   h. Using the water pressure unit for cleaning ink off screens (Lec)
   i. Maintaining a screenprinting workstation (Lab)
6. Managing a garment printmaking studio
   a. Basic workflow and operations of a print studio (Lec)
   b. Scheduling (Lab)
   c. Safety (Lab)
   d. Clean up (Lab)
7. Environmental practices
   a. Understanding safe environmental practices (Lec)
8. Working in a shared studio space
   a. Environmental concerns and personal safety (Lec)
   b. Reading and understanding product instructions (Lab)
   c. Reading and understanding Material Safety Data sheets (Lab)

    d. Reading and understanding safety signage in the studio (Lab)

    e. Proper disposal and recycling of materials (Lab)

    f. Environmental safety requirements at Foothill College (Lec)

9. Evaluation and critique
   a. Critique criteria (Lec)
   b. Presenting works of art for peer review (Lab)
   c. Analyzing content and form in garment printing designs (Lab)
   d. Evaluating craftspersonship in garment printing (Lab)

Lab Content

Concept development sketches, planning and production sketches, preparation of color separations, inks, screens and plates for printing, printing, curating of finished work and documentation.

Special Facilities and/or Equipment

1. Facilities: 24" x 36" table space for each student. Screenprinting stations including base, screen, registration system, squeegee, flash dryer. Light table, screen exposure unit, screen washout unit, print drying rack, inkjet printer for film positives, darkroom facilities, ink curating unit. 2. When taught via Foothill Global Access: ongoing access to computer with email software and capabilities; email address; JavaScript-enabled internet browsing software.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Evaluation of assignments and projects
Evaluation of studio practice
Tests, quizzes or research assignments
Student's ability to analyze their work and the work of their peers

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lecture presentations and classroom discussion using the language of screen printing and t-shirt printing
In-class reading of t-shirt printing and screen printing by the instructor and students followed by instructor-guided interpretation and analysis
Group presentations of major projects followed by in-class discussion and evaluation

Representative Text(s) and Other Materials

Fresener, Scott. How to Print T-Shirts for Fun and Profit. 2005.

This textbook is old but remains the best textbook for this course. The technology of t-shirt printing has not changed significantly since its publication. Research has demonstrated that another text as suitable as this has not entered the publishing marketplace.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

1. Weekly reading assignments from text, online resources, and outside.
2. Weekly lecture covering subject matter from text assignment with extended topic information. Class discussion is encouraged.
3. Laboratory exercises and demonstrations: Weekly lab exercises. Each lab exercise may include individual or group participation and covers assigned reading and lecture topics.

Discipline(s)

Art or Graphic Arts