

# SURFACE IMAGING (ADVANCED-PRACTICE CERTIFICATE)

---

## Contacts

**Program Director:** Hitoshi Ujii  
**Email:** Hitoshi.Ujii@jefferson.edu  
215-951-2682

**Campus:** East Falls  
Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/kanbar-college-of-design-engineering-commerce/school-of-design-engineering/academic-programs/surface-imaging-advanced-practice-certificate.html>)

## Program Description

The Surface Imaging Advanced Practice Certificate offers a unique design education by viewing anything and everything as the canvas through the utilization of a variety of printing technologies. By applying painting, drawing, photography and printmaking to advanced design studios and printing practices, you will produce complex and unique surface image projects. You will be able to bring your creativity to life through fabrication printing, including additive material deposition and subtraction printing technologies (enhanced 3D surface and laser printing)—allowing you to produce anything you can imagine. Product development and management skills are enhanced with thorough knowledge and experience in advanced printing technology, applied engineering and an understanding of innovative business systems. The program is designed for imaging practitioners, professional designers as well as students in the universities and colleges who wish to enhance their careers in Surface Imaging.

## Learning Goals/Outcomes

- Gain professional experience through research based real-world projects with industry partners that stress critical thinking and problem-solving skills through teamwork and collaboration.
- Work on interdisciplinary projects using advanced technology and design solutions.
- Be prepared to be a leader in the growing imaging industry which includes graphic, architectural, interior, textile, fashion apparel and home industries, as well as all facets in the global imaging industry.

## Curriculum

Code	Title	Credits
MSSI 506	Surface Imaging Design	1.5
MSSI 501	Digital Textile Printing	1.5
MSSI 502	Hard Surface Digital Printing	1.5
MSSI 503	Dig Print for Flex Substrates	1.5
MSSI 504	Digital Color Management	1.5
MSSI 505	Printing Technology	1.5
MSSI 510	Specialist Printing	1.5
MSSI 550	Surface Imaging Pattern Design	3
<b>Total Credits</b>		<b>13.5</b>