

SCIENCE IN THE PURSUIT OF JUSTICE



NEW JERSEY'S FIRST B.S. IN FORENSIC SCIENCE PROGRAM

FRSC 498: Forensic Photography

Location: New Jersey Institute of Technology

Time: Monday & Wednesday 10-11:20am

Instructor: Dr. Kevin Parmelee

Course Description

This course will address the basic concepts of photography and their application to professional crime scene documentation. Students will master the fundamental skills pertaining to the capture of documentation-type and evidentiary-type images and explore their usefulness within the justice system and legal admissibility.

Some course topics that will be discussed:

- History of Photography
- Basic exposure concepts
- Crime scene photography
- Micro/Macro Photography
- LiDAR
- Faro capture and post-processing
- And more!

Learning Outcomes

Upon completion of the course, students will:

- Be able to describe the development and history, composition, and cardinal rules of photography
- Understand and utilize various methods and sequence patterns for capturing images
- Describe the basic functions of the digital camera and how they apply to the crime scene
- Manipulate the camera settings to improve quality of photograph images
- Capture digital images in various environments and trouble-shooting challenges of low-light, shadows, and glare
- Apply camera setting and utilize equipment for evidentiary type photography to achieve quality images that can be utilized by analysts
- Utilize current imaging technology to capture and process 2D/3D data

Visit <https://www.njit.edu/admissions/non-degree-studies> for more information on how to register