

CE 597 Introduction to Applied Computer Vision for Engineering

Spring 2025

This course provides an introduction to computer vision with a focus on applications in engineering. Students will explore the fundamentals of image processing, feature extraction, object detection, and deep learning techniques. Through hands-on projects, participants will learn to apply computer vision to solve real-world engineering problems, including automation, inspection, and monitoring tasks. Ideal for students and professionals seeking practical skills in modern vision-based systems for engineering applications.

