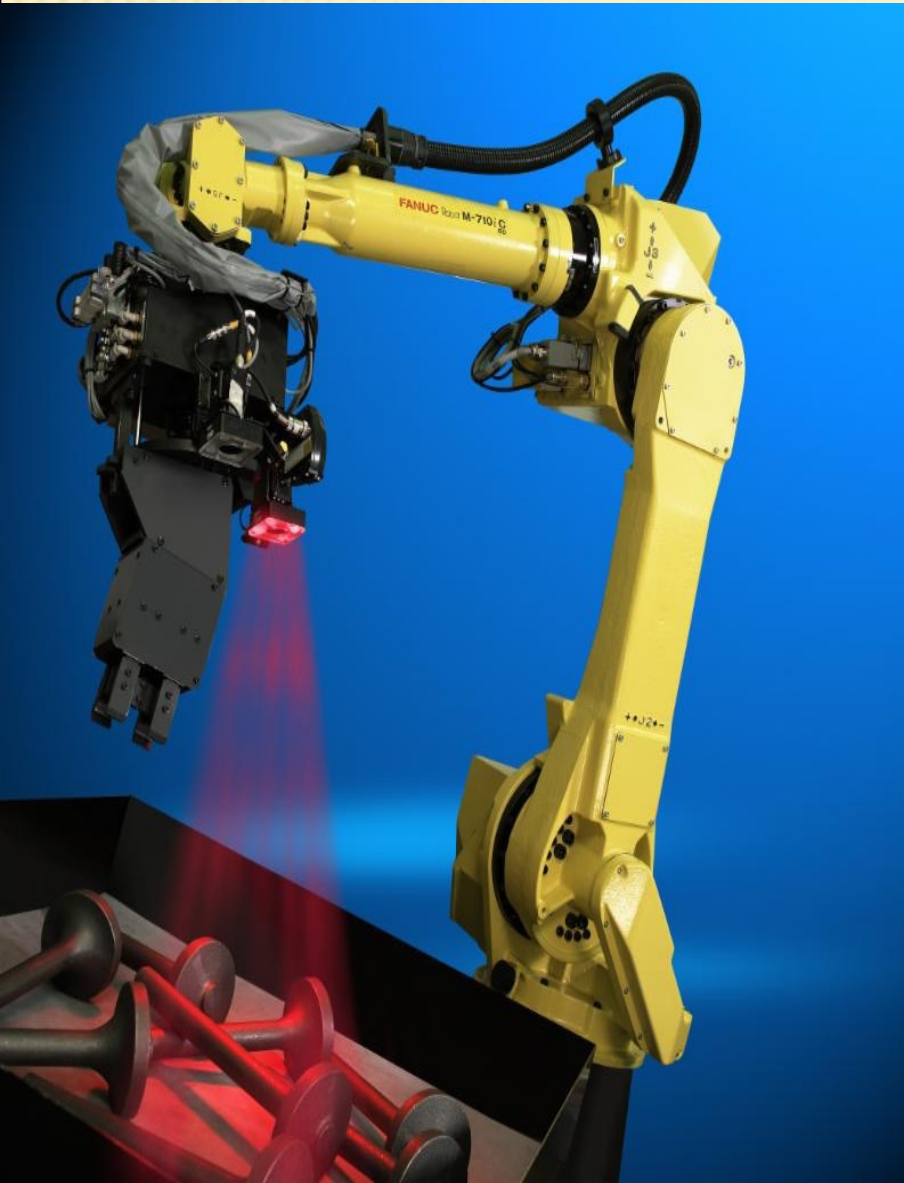


EET 5147/4147: Industrial Robotic Vision Systems

Summer 2022 Intensive 2 weeks (August 1-August 12)



Upon Successful Completion You Get:

- 4 semester credits in 2 weeks
- An industrial certificate by FANUC Robotics Inc.
- Required course for Mechatronics Students

What you will Learn:

- Concepts of Robotic Vision Systems
- Design and Configuration of Robotic Vision Systems.
- Comprehend optical principles of reflection, refraction, diffraction and interference.
- Learn and apply Robotic Vision via Industry-standard ROBOGUIDE robotic simulation software.
- Hands-on experience programming and configuring iR-Vision 2D systems for industrial FANUC robots
- Learn to optimize robotics automation using vision systems.