

The EWI UR Industrial Training Cell

EWI's unique UR training cell delivers a superior instructional experience for your technical workforce

Our hands-on automation training system is geared toward students working or planning to work in manufacturing settings. This workstation, which utilizes a collaborative robot ("cobot"), has been designed by industry experts to give students instruction and practice on the most common robotic applications found in factories, fabrication shops, mills, and foundries. With state-of-the-art robotic equipment configured to teach practical, foundational skills, the workstation provides a setting ranging from simplified to advanced.



The UR Industrial Training Cell is supported by EWI engineering expertise and an industry-based training curriculum. To find out how you can procure an EWI training cell for your facility, contact info@ewi.org.



A standard cell is equipped with:

- *UR5e collaborative robot*
- *850-mm reach*
- *5-kg payload*
- *Pneumatic grippers*
- *Vacuum grippers*
- *Quiet air compressor*
- *30" x 150" x 37" mobile cart on locking caster that allows for flexibility in the classroom*

Unlike other educational automation systems, the EWI cell is designed for industrial training. Therefore, the standard setup has been equipped with the following enhancements:

- *3-jaw chuck and dome light for machine tending training*
- *24" conveyor and photoelectric sensors for sensor programming training*
- *Integrated control panel with PLC and safety programming features for industrial cell integration training*

The following add-on options can be purchased to teach advanced concepts:

- *Vision Package to teach students the fundamentals concepts of vision systems and pick and place programming*
- *Tool Changer to demonstrate the switch in-between tools*