

Universal Robots Advanced e-Series

Key take-aways from this course

- Create and structure your programs in a professional manner
- In-depth knowledge of functions in UR User Interface
- URScript programming language
- Work with variable positions and multiple TCPs
- Referencing and shift positions on different coordinate systems for e.g. artificial vision applications
- Track and coordinate the movement of the robot with conveyor belts
- Use the integrated force/torque sensor for developing complex applications using the force feedback

Course Description

When you complete the Advanced course, you will be able to fully understand and utilize all commands in the Universal Robots “User Interface”. You will also be able to better optimize your application and reduce the number of waypoints used by utilizing variable waypoints and user defined features. The latter feature can assist you to align the movement of the robot to the installation or environment. Conveyor tracking and advanced force control will also be explored in this training course. This course enables every developer to deploy applications that account for more environmental variables.

You must have completed the UR Core class before attending this training.