



TM ACADEMY

3D EYE IN / TO HAND

Course	Learning Target	Technical Indicators	Hours
3D Eye In Hand Camera Introductions	Understand basic instructions such as hardware setup, software installations, camera calibration	Benano camera correction	3.5
3D Vision Job Introductions	Understand the major functions and procedure of 3D vision job	CAD modeling FIND	1
TMflow Project Programming	Design and program the TMflow project in example of Pick and Place task	TMflow Pick and Place Project	1
Other FIND methods	Understand different methods of FIND 3D objects	FIND - Geometry FIND - Point Pose	1
TMstudio and Collision Check Node	Demonstrates collision check functions with Tmstudio simulation software	Collision Check Snap n Go	1
3D Eye In Hand Training Certification	Certification for 3DVision examination	CAD Modeling TMflow pick and place project	3.5

