

Universal Robots (UR) Advanced Training

This course deepens the knowledge you have gained the UR Core Training. Learn how to master more complex challenges when programming cobots.



For more information and to apply, visit

www.celtec.ie/uradvanced

Course Learnings



Advanced Robot Programming

Develop the ability to create, structure, and optimise professional robot programs using advanced programming techniques for complex collaborative robot applications.



URScript and Advanced Motion Control

Learn to use URScript, Remote TCP, Toolpath functionality, G-Code programming, and advanced path control to implement sophisticated robotic processes with precision.



Robot Coordination and Process Integration

Gain practical skills in coordinating cobots with conveyor systems, multiple TCPs, and different coordinate systems to support flexible and automated production environments.



Force Control and Intelligent Applications

Apply integrated force/torque sensing, advanced force control, and path offset techniques to develop reliable, high-performance robotic applications for demanding manufacturing tasks.



Industrial Implementation and Troubleshooting

Build the expertise to evaluate, implement, and troubleshoot advanced collaborative robot solutions through hands-on training using real industrial applications and Universal Robots Academy methodologies.



APPLY

Expression of Interest

AT A GLANCE



DURATION

2.5 Classroom Days



LOCATION

CELTEC, Celbridge, Co. Kildare, W23 HCK2



DELIVERY

Classroom Based



SUITABILITY

Those in employment in the Kildare and Wicklow regions



COST

This course is partially funded under the Skills To Advance initiative for eligible applicants



COURSE REQUIREMENT

Learners must have successfully complete the UR Core Training.



CERTIFICATION

Universal Robots Advanced Training Certification issue by the Universal Robots Academy (Demark).