

Trainer Name	Dr Hassan Kaghazchi
Trainer Details	PhD, MEng, BEng, CEng, Senior Member ISA, ISA Certified Automation Professional (CAP) An automation professional with over 30 years experience in Research and Development, Education, Training, and Consultancy in the field.
Course Title	Siemens Simatic S7 Programmable Logic Controllers- Service
Aim	A practically based course to equip personnel with knowledge of available Siemens PLC units, ladder logic program, and the procedures for installing, replacing, and fault finding Siemens PLC's.
Training Equipment	Siemens training rig equip with: S7-300 Power Supply Unit S7-315-2DP CPU S7-300 Digital Input Module S7-300 Digital Output Module S7-300 Analogue Input module Input/output Simulator Dell Laptop with SIMATIC Manager, and PLCSim
Content	S7 Installation and Maintenance (Battery Replacement included) S7 Programming Environment S7 Program Blocks(FC,FB,SFC,SFB) S7 Archive/Retrieve Program S7 Compare ON-Line, OFF-line blocks S7 Monitoring blocks S7 Forcing Input/output S7 Fault finding S7 Program simulation with PLCSim
Duration	2 days
Location	Ireland
Who should apply	Operations and Maintenance Personnel
Certification	PLC Open
Number of places	8 per course
Training methods	Theory & practical sessions using the most comprehensive training and AV equipment
For further information	<p>PROFIBUS Ireland Automation Research Centre University of Limerick 061-202107, 061-202582 training@profibus.ie www.profibus.ie</p> 