

Online Automation Training Courses

Riga Technical University / Weidmueller Interface

Online/ Basic program (Basic 1)

Provided by:	Riga Technical University, Transport Institute in cooperation with Weidmueller Interface
Date:	April 16, 2020
Duration:	From 10:00 till 12:00, Eastern European Time (EET)
Language:	English (2 nd part of the training possible in Russian or Latvian languages)
Requirements:	No experience necessary
Cost:	Free of charge registration
Registration:	https://weidmuellerbaltics.wixsite.com/automtrainonline
Phone:	+371 25157324
Training room:	Skype web conference (link will be sent after the registration)

Agenda

10:00 AM **Speaker** – Mattias Karlsson, Manager Automation Products & Solutions Weidmueller Nordic

Weidmueller automation portfolio:

- U-Remote I/O systems
 - U-Control PLC`s
 - U-view HMI touch panels
 - Industrial PC`s
 - Software
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10:45 AM Brake

11:00 AM **Speaker** – Ruslan Muhitov, Researcher Riga Technical University Institute of Transport

Programming training:

- Connection to PLC through micro-USB and RJ45 port.
 - Introduction and navigation through programming environment
 - Firmware update
 - Adding and deleting of I/O modules
 - Declaration of local and global variables
 - Mapping of global variables to corresponding I/O ports
 - FBD (functional block diagrams) programming language
 - Bit logic functions, triggers, timers, counters
 - Program development, compilation and testing of program operability.
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12:00 AM **End**
