

SAHA ACADEMY

High Technology Training Programme 1



With the partnership of SAHA Istanbul and ElectraIC, the High Technology Training Programme offers great price advantages. The programme includes many internationally accepted technology trainings such as

FPGA

VHDL

FreeRTOS

SystemVerilog

ARM

Embedded Linux

Deep Learning

Automotive Cybersecurity

DO-254

DO-178

- Certified trainer pool from different countries of the world with 20+ years of experience in their field
- Wide training portfolio: 33 different training options under HDL Design & Verification, FPGA, Embedded Software, Functional Safety / Automotive Cybersecurity and Signal Integrity topics
- In English and/or Turkish
- Flexible training location and type:
 - Trainings open to public participation
 - Trainings in your facility specific to your employees
 - LOT - Live Online Trainings
 - In-Class-Remote Trainings
- 30% discount advantage compared to list prices

Who Should Attend?

- Digital Design Engineers
- Embedded Software Engineers
- Hardware Engineers
- Quality and Configuration Engineers
- Project Managers

For detailed information, you can send an e-mail to iletisim@sahaakademi.com or call **+90 216 999 70 18/103**.

HIGH TECHNOLOGY TRAININGS



• HDL Design & Verification

1. Essential Digital Design Techniques
2. Comprehensive VHDL
3. VHDL for Designers
4. Advanced VHDL
5. Expert VHDL
6. Comprehensive SystemVerilog
7. UVM Adopter Class

• FPGA

8. Arm Cortex-A9 for Zynq System Design
9. Xilinx Designing with the UltraScale and UltraScale+ Architectures
10. Xilinx DSP Design Using System Generator
11. Xilinx Advanced Embedded Systems HW and SW Design
12. Xilinx Essentials DSP Implementation Techniques for Xilinx FPGAs
13. Xilinx PCI Express Adopter Online
14. Xilinx Vivado Adopter Class
15. Xilinx Vivado Adopter Class for New Users
16. Xilinx Vivado Advanced XDC and STA
17. Xilinx Zynq System Architecture
18. High-Level Synthesis with the Vitis HLS Tool

• Embedded Software

19. C Programming for Embedded Systems
20. C++ Programming for Embedded Systems
21. Developing with Embedded Linux
22. Practical Embedded Linux Device Drivers
23. Essential Python
24. Practical Deep Learning
25. FreeRTOS Real-Time Programming

• Functional Safety / Automotive Cybersecurity

26. RTCA/DO-178C and Certification
27. DO-254 Training Course
28. RTCA/DO-331 and Model-based Development
29. Comprehensive Automotive Cybersecurity Training
30. Comprehensive Automotive Functional Safety Training
31. Comprehensive Automotive Spice Training
32. ISO-26262 Training

• Signal Integrity

33. Signal Integrity with Hands-on Simulation

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