



E3238s Signals Development System Training Class

Get The Most From Your E3238s System!

These courses will take the students from basic theory & operation, through detailed programming of the E3238s.



Scope:

Agilent Technologies offers two courses to provide training for the E3238s. Designed for the E3238s operator, a 2-day course is offered which covers, in detail, the system theory and operation. A 5-day course is also offered for the advanced user or integrator who intends to use the AS9 User Programming Option to tailor the E3238S system for specific mission requirements. Both classes include in-depth lab exercises to insure the student understands the covered topics.

Prerequisites for AS9 Programming:

1. Experience using the C programming language for developing software along with related software development environment tools (compilers, linkers, debuggers, make, etc...).
2. Experience using Motif/X11 for graphical user interface development is recommended.
3. A basic understanding of sampling theory and FFT analysis is recommended.

Course Topics:

2-Day Class

1. Search Overview
2. The Process
3. Getting Started
4. The Graphic User Interface
5. Measurement System Operation
6. Feature Studio (Option ASM)
7. System Hardware
8. The E3238S File System

5-Day Class also includes:

9. AS9 Introduction
10. Socket Interfacing
11. Library Programming Introduction
12. Feature Extraction
13. Motif Programming
14. Energy History Filters
15. User Alarm Tasks
16. User Menus
17. User Panes
18. Handoff Receiver Drivers
19. Miscellaneous Topics

Delivery:

Course attendance is limited by the number of *customer furnished* E3238s systems, with two students per system. To maximize effectiveness, Agilent recommends limiting the total number of students to 8.

Two options exist for the delivery of the E3238s course:

1. The course can be delivered at the customers' facility. The customer will supply the necessary E3238s systems and will be responsible for all facility needs.
2. The course can be delivered at the nearest Agilent facility. The customer will supply the necessary E3238s systems.

Pricing:

The 2-day course, '**E3238s Theory and Operations**', is \$9,900US for up to 8 students, and is offered on the GSA schedule. This pricing includes travel expenses for delivery in the US or Canada.

The 5-day course, '**E3238s Theory, Operations, and AS9 Programming**', is \$19,900US for up to 8 students, and is offered on the GSA the schedule. This pricing includes travel expenses for delivery in the US or Canada

To receive a formal quote and discuss scheduling, please contact:

Jeanette Penner: (240) 686-4052

Special Requirements:

All E3238s systems scheduled to be used for AS9 Programming training must meet the following minimum requirements:

E3238s C.02.00 or later w/ option AS9
ANSI C or Microsoft C++ compiler

Professional Engineering Services

In addition to the training classes, Agilent also offers the services of our E3238s Expert Engineers for custom projects & engineering services. These services can be ordered in conjunction with training, or as standalone engagements. These services are highly customizable, and can include additional custom training, custom software, system design, survey services, or assistance in solving your specific technical problems. Please contact Jeanette Penner at (240) 686-4052 for additional information.