



Improve your employees' test
and measurement expertise
and cut their time-to-productivity
with the...

Agilent Accelerated Education Curriculum

RF and Microwave Fundamentals Curriculum
will be presented in June, 2005, at:

New Hampshire Community Technical College at Nashua

Expert test and measurement training = faster productivity = improved profits

Who can benefit from Accelerated Education?

New hires

Yesterday, technicians learned theory in school, then honed real-world expertise on-the-job. With today's intense competitive challenges and rapidly evolving technologies, you can't afford the luxury of on-the-job training. You need your newly hired technicians to be productive immediately. The Agilent Accelerated Education Curriculum gives your new hires the test and measurement expertise they need, so they become valuable contributors faster.

Experienced Technicians

With today's rapid and dramatic changes in technology, your employees' skills can get out of date quickly. The Agilent Accelerated Education Curriculum gives your seasoned technicians a fast refresher in the latest test and measurement technologies and techniques. Increase your confidence in your product development schedules by keeping your technicians abreast of emerging technologies and keeping their skills current.

A well-trained technician solves problems more effectively and efficiently. That means you can get your products to market faster, which improves your profitability. With the Agilent Accelerated Education Curriculum, your technicians become productive fast, as Agilent's global experts share their real-world test and measurement expertise. Our instructors are some of Agilent's top Application Engineers, who work in the field every day, and bring practical expertise to the classroom. Your investment in an accelerated curriculum will pay for itself quickly as you jump-start your employees' productivity.



Why Agilent?

When you choose the Agilent Accelerated Education Curriculum, you get more than just a training package. You get a reliable, experienced partner committed to your success. Agilent is a global leader in the test and measurement industry that trains thousands of students each year.

RF and Microwave Fundamentals Curriculum (H7250B-700)

The next course will be June 7,8,9, & 14,15,16 (Tues-Thur for 2 weeks).

This 6-day series includes the following eight course segments. The Curriculum cost is \$3500 per student.

To enroll, call Agilent:

1-800-829-4444

or email questions to:

tiffany.ogle@agilent.com

Noise Figure Measurements

Learn the principles and gain experience performing noise figure measurements. Learn how to maximize your application performance, how to avoid measurement errors and quantify uncertainties.

Connector Care

Gain an understanding of connector care fundamentals. This course covers requirements for effective connections, benefits and proper use of connectors, and common connector types and specifications.

RF & Microwave Basics

This class studies RF & microwave fundamentals in a basic sense, including: datasheet specifications, practical microwave measurements and the importance of proper impedance matching in high-frequency microwave circuits. Learn how and why SWR, power, and noise measurements are made and discuss noise and its effect on microwave measurements.

Signal Generator & Source Basics

This course includes theory and practical examples to help you understand the basics of signal generators and their applications in analog and digitally modulated systems.

Power Measurement Basics

Learn RF and microwave power measurement principles including why and how to make power measurements. Learn about different sensor types and measurement approaches. Understand power transfer and insertion loss and gain experience making power measurements.

Introduction to Spectrum Analysis

Learn the theoretical fundamentals, front panel operation and gain experience doing basic spectrum analysis measurements. Discuss dynamic range considerations and how to evaluate measurement accuracy.

Introduction to Network Analysis

Learn the theoretical fundamentals and gain experience performing practical network analysis measurements. The course covers front-panel operation of Agilent 8753 and 872x series network analyzers, the error correction model, different types of calibrations and time domain fundamentals.

Analyzer Calibration

Gain an understanding of mechanical calibration kits, what they contain and how they are used to characterize the systematic errors of network analyzers. Gain experience performing manual calibrations.

Dates: June 7,8,9 & 14,15,16 (Tue-Thur for 2 weeks) at:
New Hampshire Community Technical College at Nashua
505 Amherst Street Nashua, NH 03063-2052



Agilent Technologies' Test and Measurement Support, Services, and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise

Our Promise means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you receive your new Agilent equipment, we can help verify that it works properly, and help with initial product operation.

Your Advantage

Your Advantage means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and onsite education and training, as well as design, system integration, project management, and other professional engineering services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.

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