DPN PROCESS: CONCEPTS & MEASUREMENTS

Who should attend?

This course is designed for those individuals in the semiconductor industry who require the knowledge and understanding of DPN process and the key measurements required to characterize the N% dosage, EOT, oxide thickness and particles.

Course Benefits

Increase knowledge of DPN process fundamentals and associated measurement techniques used to characterize the DPN process.

Course Objective Summary

- Describe the concepts behind the DPN process.
- Describe the hazard alerts, and other safety issues associated with DPN equipment and process gases.
- Discuss 200/300mm DPN hardware with emphasis on chamber process kit requirements and gas delivery systems.
- Review the basic concepts of device physics.
- Explain the basic fundamentals of plasma and show how it is used in DPN processing.

Course Modules

1. *DPN Safety Overview*
2. *DPN Process Overview*
3. *Centura 300mm DPN/DPNplus System Overview*
4. *DPN Device Physics*
5. *Plasma Fundamentals*

Registration Information

Prerequisites: ***None***

Course Length: *5 hours*
Course Type: *Web-Based*
Course Number: *TRNWEB-194*

To enroll or for more information on our products and services, please call our registrar at one of the numbers below or go to *www.appliedtraining.com*.

- 1-800-468-8888, option 4 (United States)
- 1-512-272-0027 (International)

Computer System Requirements:

Attending this course requires a Windows 98, NT, 2000 or XP computer using Internet Explorer 5.5 or higher. 128MB RAM or higher and high-speed Internet access is also highly recommended