

PRINCIPLES OF TEXTILE TECHNOLOGY (POTT)

THE INSTITUTE OF TEXTILE TECHNOLOGY

January 13 – 19, 2008

Raleigh, NC

To maintain a competitive edge in a highly volatile environment, successful textile companies must have both modern manufacturing equipment and the leadership skills that understand this technology. Knowledge of vertical textile processes and how to lead the people involved in those processes are essential traits for the textile executive. This ITT executive conference provides the tools to help current and future leaders understand the language, concepts, and issues affecting the textile supply chain.

Participants Will:

- Develop familiarity with the key issues affecting performance of textile manufacturing facilities through a comprehensive review of technological principles;
- Gain an understanding of current textile manufacturing processes; and
- Address personal and professional leadership issues in order to create high-performance workplaces.

Who Should Attend?

There are no formal requirements for attendance, and associates from all areas of the textile industry can benefit from this conference. This executive program, however, is not designed for trainees. Past participants have included process engineers, sales managers, vice presidents of marketing, human resource managers, and other associates interested in understanding process engineering of the vertical textile processes.

Where and When

The conference will be held in Raleigh, NC at the Holiday Inn, Raleigh and the College of Textiles on the NC State University Centennial Campus from the evening of Sunday, January 13 to Saturday, January 19, 2008. Instructors will include staff and faculty from both the Institute and the NC State University College of Textiles. All hotel arrangements and most meals are covered in the registration fee.

How To Register

Attached is a registration form for the 2008 POTT conference. The cost of the conference is \$4,000 per individual. This cost includes lodging at the Holiday Inn, lunches, most evening dinners, and course materials. Registration is open until December 21, 2007.

COURSE PROGRAM

Sunday, January 13

Opening Reception (6:00 pm, Holiday Inn)

Introductions and remarks from the President of ITT

Monday, January 14

Type Characterizations for Leaders – Understanding Implications of MBTI on Organizational Dynamics (*Dr. Robert Barnhardt*)

Overview of Synthetic Fibers (*Dr. Jan Pegram*)

Cotton Fiber Harvesting and Properties (*Mr. Wade Carter*)

Feeding, Opening, Cleaning, and Carding: Staple Fiber Preparation (*Mr. Wade Carter*)

Tuesday, January 15

Staple Yarn Spinning Technology and Practices (*Dr. William Oxenham*)

Filament Technology (*Dr. William Oxenham*)

Staple and Filament Warp Preparation (*Mr. James Watson*)

Wednesday, January 16

Weaving Technology (*Mr. James Watson*)

Overview of Textile Characterization (*Mr. Chris Moses*)

Knitting Fundamentals (*Dr. Gary Smith*)

Non-Woven Technologies (*Dr. Donald Shiffler*)

Thursday, January 17

Fabric Preparation Technology (*Dr. Neil Stewart*)

Dyeing and Coloration Technology (*Dr. Lei Qian*)

Environmental Issues and Opportunities for Sustainable Manufacturing in the Textile Industry (*Dr. Gilbert O'Neal*)

Chemical Finishing of Textiles (*Dr. Lei Qian*)

Friday, January 19

Physical Finishing of Textiles (*Dr. Neil Stewart*)

Complaint and Defect Analysis (*Dr. Neil Stewart*)

Color Measurement and Technology for Textile Manufacturing (*Dr. David Hinks*)

Saturday, January 20

Profitability Engineering for the Textile Industry (*Mr. Neil Cahill*)

Closing Remarks and Seminar Evaluations (*Dr. Gilbert O'Neal*)