



FACE-TO-FACE EDUCATION  
COMPANY CLASSROOMS  
eLEARNING

Ready.

Set.

**TRAIN.**

# Ready. Set. Train with TAPPI!

## COURSE PRICING

Two Day:	\$920 Member \$1640 Nonmember
Three Day:	\$1,125 Member \$1,965 Nonmember
Four Day:	\$1,435 Member \$2,155 Nonmember
<i>Sample Pricing - Subject to Change</i>	

TAPPI is training the Paper, Packaging, Tissue and Converting Industries. Face-to-face courses, company classrooms and eLearning options provide multiple opportunities to help you train your way!

## PULP & PAPER Face-to-Face; Company Classroom

### IMPROVING PAPER MACHINE PERFORMANCE

This advanced course will help students learn how to evaluate the performance of each operation of the paper machine from the stock approach system to the reel. This is a “hands-on” course, which will involve group workshops to measure machine performance. Students will learn to apply appropriate TAPPI Technical Information Papers (TIPs) and other industry standards to benchmark paper machine performance.

### INTRODUCTION TO PULP & PAPER TECHNOLOGY

This introductory course gives students increased confidence in understanding the pulp and paper processes, as well as ways to interact more knowledgeably with process engineers and operators and to increase their ability to contribute to improving mill operations.

### PAPER MACHINE OPERATIONS

This introductory course provides students with an increased understanding of kraft pulp mill operations, an awareness of how one part of the process affects other operations, and the effect of processes on kraft pulp quality.

### KRAFT RECOVERY

This intermediate course examines key recovery operations in a kraft pulp mill to help students increase their ability to improve pulp production efficiency while minimizing operating costs and environmental problems. The course will cover chemistry, physics and engineering relating to kraft recovery.

### INTRODUCTION TO WET END CHEMISTRY SHORT COURSE

This introductory course will provide students with a foundation upon which to develop effective wet end chemistry troubleshooting and optimization programs for their companies. This course is designed to facilitate an understanding of improved product quality, increased machine productivity and cost reduction.

## **ADVANCED PRINTING**

This intermediate-to-advanced course on printing methods and applications is designed for students who need to understand and apply print quality, attend and conduct print trials and troubleshoot print problems. This course is taught by printing experts from TAPPI's Coating and Graphic Arts Division and is an excellent complement to the Coating Program at PaperCon.

## **COATING 201: ADVANCED COATING**

This intermediate-to-advanced course targets paper coating professionals who want to deepen their knowledge of coating materials, processes and applications. Topics include Pigments, Binders, Additives, New and Advanced Materials, Coating Process Overview, the importance of Substrates and Coated Products Applications.

## **CORRUGATED Face-to-Face; Company Classroom**

### **CORRUGATED BOX, LINERBOARD & MEDIUM MANUFACTURING**

This introductory-to-intermediate course strengthens students understanding of the corrugating process, linerboard and medium performance properties and manufacture.

### **TROUBLESHOOTING "FLEXOS" AND "DIE CUTTERS" SUSTAIN BOARD CALIPER & IMPROVE PRINTING**

This introductory-to-intermediate course will teach students to identify and address downtime issues as well as help to develop a better understanding of machine calibration and how to maintain proper board caliper.

### **ADVANCED BONDING: AN IN-DEPTH LOOK AT THE BONDING PROCESS**

This advanced course will help students increase their understanding of the corrugated bonding process including factors and variables that impact bond performance, how to read the board to determine proper bonding settings, glue line analysis, combined board caliper and process centerlining.

### **BEST PRACTICES ON THE CORRUGATOR**

This introductory course will help students learn to achieve higher productivity, better product quality and waste reduction. Students will study the basis of how each component in the corrugator system works and how to run each component with optimum settings for peak performance. Students will also develop an understanding of the critical properties of the raw materials that are vital to guaranteeing acceptable quality board.

### **CORRUGATED ROAD SHOWS**

TAPPI has developed several seminars that will bring training and networking opportunities directly to box plants in their own geographic locations. Each Corrugated Road Show will consist of three hours of training on key topics followed by a reception and dinner where the attendees can further discuss the topics with the instructors and other attendees and also enjoy networking with their peers. For more information visit [www.tappi.org/roadshows](http://www.tappi.org/roadshows) or contact Kristi Ledbetter at [kledbetter@tappi.org](mailto:kledbetter@tappi.org).

## **CONVERTING** Face-to-Face; Company Classroom

### **TROUBLESHOOTING “FLEXOS” AND “DIE CUTTERS” SUSTAIN BOARD CALIPER & IMPROVE PRINTING**

This introductory-to-intermediate course will teach students to identify and address downtime issues as well as help to develop a better understanding of machine calibration and how to maintain proper board caliper.

### **EXTRUSION COATING SYMPOSIUM**

This intermediate-to-advanced course will teach students basic resin and equipment technology (extruders, dies, and auxiliary equipment) that have applications in extrusion coating applications. Further detailed instruction will be provided for equipment and process technology specific to the extrusion coating process. Additionally, experts in the field will discuss commonly faced process problems in extrusion coating.

### **TISSUE 202: CONVERTING OPERATIONS**

This intermediate course explains the basic rolled products converting processes and how tissue parent roll (jumbo reel/soft roll) quality and variability impacts the runnability of these complex lines.

## **TISSUE** Face-to-Face; Company Classroom; eLearning

### **TISSUE 101: PROCESSES & PROPERTIES**

This introductory course increases students understanding of tissue performance properties and manufacturing. It is designed for students who desire a comprehensive overview of the tissue manufacturing process and the effect of processes on product performance properties.

### **TISSUE 201: OPERATIONS & RUNNABILITY**

This intermediate-to-advanced course will help students to improve tissue quality and consistency, understand contributors to waste and downtime, learn reliability and maintenance best practices and diagnose and troubleshoot problems quickly.

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## **SAFETY** eLearning

### **TAPPISAFE BASIC ORIENTATION**

This course is an OSHA awareness-level orientation for mill contractors, suppliers and visitors, covering 19 safety topics.

### **DEFENSIVE DRIVING**

The course teaches students various driving techniques to keep drivers safe while on the road. Topics include driver conditions, vehicle conditions, the first movement, defensive driving techniques and police traffic stops.

### **CONFINED SPACE AWARENESS**

This course teaches students a basic understanding of confined space hazard and the general requirements of the OSHA Confined Space Standard. Students will learn the difference between a confined space and a “permit-required” confined space.

For a full list of all TAPPISAFE training courses,  
visit [www.tappisafe.org](http://www.tappisafe.org)



## **TAPPI eLearning courses developed by Alabama Southern**

are available as company site licenses, which includes unlimited use for all training at the site and can be uploaded to your mill's learning management system (LMS).

- Chemical Recovery
- Environmental Control
- Recycling Science & Technology
- Pulp Mill/Paper & Board Testing Labs
- Wet End Chemistry
- Paper Machine Optimization
- Coating Technology
- Paper Manufacturing Technology
- Pulp Manufacturing Technology



Course customization is available including varying lecture sizes and differing content levels. Modify courses to best suit your company's needs! Discounted prices and bundling options are offered.

*Courses are available for both individual use and as company site licenses.*

**For detailed pricing, course details, customization questions,  
and additional information, visit [tappi.org/elearning](http://tappi.org/elearning).**

# eLEARNING



Provide new hires and mill employees with current, in-depth training accessible almost anywhere in the world, 24 hours a day, 7 days a week! **TAPPI eLearning** enables students to train from any computer with Internet access and to work at their own pace.

## **Coming in 2016!** **TAPPI eLearning TISSUE Courses** **including CEUs and Certificate Opportunities**

### **TISSUE 101: PROCESSES & PROPERTIES**

This introductory course increases students understanding of tissue performance properties and manufacturing. It is designed for students who desire a comprehensive overview of the tissue manufacturing process and the effect of processes on product performance properties.

### **TISSUE 201: OPERATIONS & RUNNABILITY**

This intermediate-to-advanced course will help students to improve tissue quality and consistency, understand contributors to waste and downtime, learn reliability and maintenance best practices and diagnose and troubleshoot problems quickly.



**Visit [tappi.org/elearning](http://tappi.org/elearning) to view all of TAPPI's eLearning courses**

# 2016 TAPPI Face-to-Face Courses

## JANUARY 2016

### 11-14 – TAPPI Intro to Pulp and Paper Course

Hilton St. Petersburg Bayfront Hotel, St. Petersburg, Florida, USA

### 11-14 – TAPPI Kraft Recovery Course

Hilton St. Petersburg Bayfront Hotel, St. Petersburg, Florida, USA

## FEBRUARY 2016

### 15-18 – TAPPI Best Practices on the Corrugator Course

Norcross, Georgia, USA

### 23-24 – IDCON Planning and Scheduling

Raleigh, North Carolina, USA

### 25-26 – IDCON Materials and Spare Parts Management

Raleigh, North Carolina, USA

## MARCH 2016

### 7-11 Hands-on Workshop for Pulp and Paper Basics

North Carolina State University, Raleigh, NC

### 15-16 – IDCON Develop and Manage Preventive Maintenance

Raleigh, North Carolina, USA

### 17-18– IDCON Essential Care & Inspection Techniques

Raleigh, North Carolina, USA

## APRIL 2016

### 5-6– IDCON Shutdown Optimization Program

Raleigh, North Carolina, USA

### 19-20 IDCON Root Cause Problem Elimination

Raleigh, North Carolina, USA

### 19-20 TAPPI Tissue 201: Runnability and Operations Course

Neenah, Wisconsin, USA

## MAY 2016

### 14-15 TAPPI Coating 201: Advanced Coating Course

Cincinnati, Ohio, USA co-located with PaperCon

### 24-25 IDCON Planning and Scheduling

Portland, Oregon, USA

## JUNE 2016

### 6-10 Hands-on Workshop for Pulp and Paper Basics

North Carolina State University, Raleigh, North Carolina

## AUGUST 2016

### 9-10 TAPPI Introduction to Kraft Pulping

Peachtree Corners, Georgia, USA

### 30-31 IDCON Shutdown Optimization Program

Raleigh, North Carolina, USA

## SEPTEMBER 2016

### 1-2 IDCON Materials and Spare Parts Management

Raleigh, North Carolina, USA

### 26-27 IDCON Planning and Scheduling

Raleigh, North Carolina, USA

## OCTOBER 2016

### 3-7 Hands-on Workshop for Pulp and Paper Basics

North Carolina State University, Raleigh, North Carolina

### 5-7 Strategic and Financial Analysis Workshop for the Pulp & Paper and Related Industries

North Carolina State University, Raleigh, North Carolina

### 18-19 IDCON Root Cause Problem Elimination

Raleigh, North Carolina, USA

## NOVEMBER 2016

### 7-8 IDCON Shutdown Optimization Program

Raleigh, North Carolina, USA

### 9-10 IDCON Essential Care & Inspection Techniques

Raleigh, North Carolina, USA

NOTE: THESE DATES ARE SUBJECT TO CHANGE

TAPPI Members can receive discounted registration to these events. Be sure to mention your TAPPI Membership when registering.

For more information on any of these courses go to [www.tappi.org/calendar](http://www.tappi.org/calendar) or contact

Mary Beth Cornell at [mcornell@tappi.org](mailto:mcornell@tappi.org)

# TAPPI COMPANY CLASSROOMS BRING TRAINING TO YOU



## Onsite Training

Finding experienced experts with INDUSTRY-specific knowledge to train your workforce can be challenging. TAPPI's industry recognized continuing education program provides customized training for your workforce without the expense of travel.

## What is a Company Classroom?

Our expert training instructors have years of experience working in the pulp, paper, packaging and converting industries so they understand the needs of manufacturers and suppliers to the industry. Instructors create tailored, onsite classrooms after conducting a needs assessment with your company. Courses can cover everything from entry level training, like our Intro to Pulp and Paper, to advanced niche topics such as Tissue Runnability.

## Why Invest in a Company Training Course?

TAPPI Company Classrooms provide a good ROI by offering:

- Real World training and solutions
- Focused Presentation
- No lost time away from the facility or office
- Confidential learning environment that promotes idea exchange & problem solving
- Maximize your training budget --one flat fee
- Improve Productivity!

To register for a Company Classroom, email or call today!

Contact **Mary Beth Cornell**, email: [mcornell@tappi.org](mailto:mcornell@tappi.org) or call +1 770-209-7210.



## Continuing Education Credits Provide Training Incentives for Your Staff

EDUs – The Education Project Center of TAPPI has been reviewed and approved as an Authorized Provider by the international Association for Continuing Education and Training (IACET), 7918 Jones Branch Dr., Suite 300, McLean, VA 22102



## The Power of Connection Profiting from TAPPI Membership

Find out more at [www.tappi.org/join](http://www.tappi.org/join)



### Save time

TAPPI's e-library is free to members, with 20,000+ papers, articles, and studies



### Hone your expertise

Access the latest news, research, and technology developments making headlines and driving the industry



### Enhance your learning

TAPPI's educational resources and professional development initiatives cover a range of vital subject areas



### Broaden your connections

Grow professional relationships, build fellowship, and gain recognition through the online TAPPI Community



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Receive substantive discounts on TAPPI PRESS published books, proceedings, conferences, and courses



### Advance your career

The TAPPI Career Center is an ideal platform for posting your résumé and exploring new job opportunities

To be the best, it helps to be among the best ...