

# TAPPI Training

## CATALOG

**TAPPI is training**  
the Paper, Packaging, Tissue  
and Converting Industries

**INSIDE:**

Learn why TAPPI courses  
are the best in the industry

Training Programs across  
North America (and the world).

See course calendar on page 2

See how TAPPI training is  
changing to meet an  
evolving work environment.



**WE CAN  
BRING  
TRAINING  
TO YOU!**

# TAPPI COURSE DESCRIPTIONS AND PRICING

**Two Day Training: \$920 Member Pricing / \$1,640 Nonmember Pricing**

**Three Day Training: \$1,125 Member Pricing / \$1,965 nonmember pricing**

**Four Day Training: \$1,435 Member Pricing / \$2,155 nonmember pricing**

**TAPPI Professional Membership is \$174. Join and Save on Training!**  
**[www.tappi.org/join](http://www.tappi.org/join)**

*Pricing is a sample of early bird rates. Group discounts are available. Pricing is subject to change. (Group this copy on one line)*

## CORRUGATED

### **TAPPI Corrugated Box & Linerboard Medium Manufacturing Course**

With this introductory to intermediate course, attendees can strengthen their understanding of the corrugating process, linerboard and medium performance properties and manufacture.

### **TAPPI Linerboard/Medium Manufacture Course**

Do you need to increase your understanding of linerboard and medium performance properties and manufacturing in order to improve performance and runnability? Core course topics will cover linerboard and medium properties, tests and how these relate to the final box performance.

### **TAPPI Troubleshooting “Flexos” and Die Cutters” Sustain Board Caliper & Improve Printing Course**

Are you looking to identify and address downtime issues? Do you need to develop a better understanding of machine calibration and how to maintain proper board caliper? If you answered yes, then this is the course for you.

## PULP & PAPER

### **TAPPI Improving Paper Machine Performance Course**

Improving Paper Machine Performance Course participants will 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. You’ll learn to apply appropriate TAPPI Technical Information Papers (TIPS) and other industry standards to benchmark your paper machine. And, you’ll discover proven methods to optimize paper machine performance through operational improvements.

### **TAPPI Coating 101 Course**

This course targets paper coating professionals who are new to the industry as well as those who have some experience in the business but are now in need of understanding of the basics of the technology. This course should appeal to the commercial workforce desiring a technical base, to new hires with experience in other industries but new to the paper industry, to young professionals either fresh out of college or new to coating, and to professionals who’ve spent their previous years in other parts of the paper industry.

### **TAPPI Intro to Pulp & Paper Technology Course**

The overall course objective is to give participants increased confidence in understanding the pulp & paper processes; to interact more knowledgeably with process engineers and operators; and to increase their ability to contribute to improving mill operations.

### **TAPPI Paper Machine Operations Course**

Overall purpose of course: Provide fundamental training on the design and operation of the paper machine and support systems for operators and other individuals who are involved with the day to day operation of the paper machine.

### **TAPPI Introduction to Kraft Pulping & Bleaching Course**

The overall course objective is to give participants increased understanding of kraft pulp mill operations; awareness of how one part of the process affects other operations; and the effect of processes on kraft pulp quality.

**40TH YEAR**

### **TAPPI Kraft Recovery Course**

The Kraft Recovery Course examines key recovery operations in a kraft pulp mill to help participants 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.

### **TAPPI Introduction to Wet End Chemistry Short Course**

Papermakers are striving to improve product quality, increase machine productivity, and reduce costs. This course is designed to facilitate this understanding and provide participants with a foundation upon which to develop effective wet end chemistry trouble shooting and optimization programs for their companies.

### **TAPPI Linerboard Medium Manufacturing Course**

The overall course objective is to increase understanding of linerboard and medium performance properties and manufacturing in order to improve corrugating box performance and runnability. Core course topics will cover linerboard & medium properties & tests and how these relate to the final box performance. For those participants who require an overview background on Papermaking operations, there will be an optional one day Introduction to P&P on Monday, prior to the beginning of the main course on Tuesday.

### **TAPPI Corrugated Box & Linerboard Medium Manufacturing Course**

With this introductory to intermediate course corrugators and pulp and paper mill employees can strengthen their understanding of the corrugating process, and linerboard and medium performance properties and manufacture.

## **LEADERSHIP**

### **TAPPI Foundations of Leadership Excellence Course**

Participants will develop personal leadership skills through the use of influence. They will learn to impact organizations from a 360 degree perspective and how to address the challenges of team building, accountability, performance management and other critical factors of organizational success.

### **TAPPI/PPSA Safety Management Leadership Course**

Bring the best practices in safety to the paper and packaging industry at the safety management level. A special focus will be placed on leadership training including incorporating a safe environment into workforce training and work expectations.

TAPPI Industry Partner



## **TISSUE**

### **TAPPI Tissue 101: Process & Properties**

The overall course objective is to increase understanding of tissue performance properties and manufacturing. It is designed for participants who desire a comprehensive view of tissue manufacturing processes, and the effect of processes on product performance properties.

### **TAPPI Tissue Runnability**

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

## **Coming Soon Tissue University!**

## **CONVERTING**

### **TAPPI Troubleshooting “Flexos” and Die Cutters” Sustain Board Caliper & Improve Printing Course**

Are you looking to identify and address downtime issues? Do you need to develop a better understanding of machine calibration and how to maintain proper board caliper during the converting process? If you answered yes to either of these questions, then this is the course for you.

### **TAPPI Extrusion Coating Symposium**

Participants in this course will learn 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.

# We Know *Tissue!*



## 2013 TAPPI Tissue Runnability Course

November 7-9, 2013  
Neenah, Wisconsin, USA

## Tissue 101: Process & Properties

co-located with PaperCon 2014  
and *Tissue360°* Forum  
April 30-May 1, 2014  
Nashville, Tennessee, USA

## **NEW** TAPPI Tissue Division

TAPPI tissue members work closely with  
the TAPPI NET Division (Nonwoven  
Engineers and Technologists)  
due to the unique relationship  
between their products.

Join this Division  
and get involved!  
Contact us at  
[sspringmier@tappi.org](mailto:sspringmier@tappi.org)

Need credible technical information and training? TAPPI knows Tissue and provides experts and resources designed to collectively advance knowledge and technology in support of the global tissue manufacturing and converting industry.

## Tissue360° Forum

Returning to PaperCon 2014, the *Tissue360°* Forum is a comprehensive, peer-reviewed technical forum organized by *Tissue360° Magazine* and TAPPI tissue experts and focusing on technical advances in tissue making, converting and tissue education. This exceptional program is open to all PaperCon registrants; or you can register and attend separately. Go to [papercon.org](http://papercon.org) for more complete program information.



**Tissue360°**

Over the Wire | Tissue Edition

*Tissue 360°* is TAPPI's semi-annual print and online publication for the tissue and converting industry. See the current issue or subscribe.

**Subscribe to our electronic *Tissue360°* Magazine at  
[www.naylornetwork.com/ppi-tissue360](http://www.naylornetwork.com/ppi-tissue360)**

# We Know SAFETY



**TAPPISAFE courses were created to address the safety needs in our industry. Created for the industry, by the industry!**

## **Safety Courses** Additional Safety Courses Available

- 1. HAZWOPER First Responder Awareness (Level 1)** - Provides awareness information on OSHA's HAZWOPER.
- 2. Fall Protection** - Provides information on how to reduce fall hazards in the work place.
- 3. Defensive Driving** - Driving techniques to keep drivers safe while on the road.
- 4. Scaffolding** - Provides trainees with guidelines for safe scaffold erection, from the foundation to the top guardrail.
- 5. Hazard Communication** - A comprehensive look at OSHA's Hazard Communication Standard.
- 6. Electrical Safe Work Practices** - Provides workers awareness training that will assist them in working safely around energized electrical currents.
- 7. Confined Space (Awareness)** - Gives trainees a basic understanding of confined space hazards.
- 8. Respiratory Protection** - General requirements of OSHA's Respiratory Protection Standard.
- 9. Lockout/Tagout** - Identifies safe work practices that are required for all employers in General Industry.
- 10. Fire Extinguisher Basics** - Course provides information on how to select the most appropriate type of portable fire extinguisher.
- 11. Back Safety** - Course provides training on back safety, alternatives to lifting, carry and placing load and how to maintain a healthy back.
- 12. Personal Protective Equipment** - OSHA's standards regarding Personal Protective Equipment.
- 13. Fire Safety** - Basic information about how fires start and how to prevent and extinguish various types of fires.
- 14. Bloodborne Pathogens** - Provides information on OSHA's Bloodborne Pathogen Standard.
- 15. Hydrogen Sulfide** - Provides basic information about the characteristics and hazards of Hydrogen Sulfide and how to work safely around Hydrogen Sulfide.
- 16. Forklift Safety** - Safety Awareness Fundamentals.
- 17. Ergonomics** - Provides information on Ergonomics, work-related musculoskeletal problems and work-related musculoskeletal disorders.
- 18. Radiation** - Topics include ionizing & non ionizing, protective measures, shipping & transporting.
- 19. Hand and Power Tools** - Provides training on General Tool Safety.
- 20. Slips, trips, and Falls** - Provides general safety information to help prevent the occurrences of slips, trips, and falls in the workplace.

**For more information visit [www.tappisafe.org](http://www.tappisafe.org)**

# DID YOU KNOW... TAPPI Provides Year Round Training

- Training & development
- Product quality
- Problem solving
- Process efficiency
- New technologies
- Meeting customers needs
- Cost Savings

## “Why are TAPPI courses superior to other training?”

- ✓ Reviewed for antitrust and commercialism
- ✓ Courses are taught by over 50 TAPPI members with a variety of industry background
- ✓ Courses are Peer reviewed and endorsed by TAPPI Divisions and Committees
- ✓ Faculty includes industry award winners, patent holders, published authors & recognized educators
- ✓ Over 200 years of industry-specific experience represented in the faculty



## CURRENT LIST OF UPCOMING COURSES

### JUNE 2014

- **9-13** – Hands On Workshop for Pulp & Paper Basic Course  
North Carolina State University - Raleigh, North Carolina, USA
- **10-12** – TAPPI Introduction To Wet End Chemistry Course  
Peachtree Corners, Georgia, USA
- **15** – North Carolina State Financial Course  
North Carolina State University - Raleigh, North Carolina, USA
- **19-20** – TAPPI/IEEE Paper Machine Drives Course  
Marriott Buckhead Hotel & Conference Center, Atlanta, GA, USA
- **23-27** – IDCON - Practical Root Cause Problem Elimination  
Raleigh, North Carolina, USA

### JULY 2014

- **13-19** – NAPIM Summer Course  
Fox Valley Technical College  
Appleton, Wisconsin, USA
- **21-25** – IDCON Asset Condition Assessment: Mechanical Condition Monitoring Techniques  
Pensacola, Florida, USA

### AUGUST 2014

- **5-7** – TAPPI Linerboard Medium Manufacture Course  
Peachtree Corners, Georgia, USA
- **7** – Advanced Bonding: An in-depth look at the Bonding Process - Peachtree Corners, Georgia, USA
- **11-12** – TAPPI Intro to Kraft Pulping & Bleaching  
Peachtree Corners, Georgia, USA
- **18-22** – IDCON Precision Maintenance: Essential Craft Skills Assembly & Installation  
Raleigh, North Carolina, USA
- **19-20** – TAPPI Tissue 201 - Operations & Runnability Course  
Miron Construction, Neenah, WI, USA
- **19-20** – TAPPI/PPSA Safety Management Leadership Course  
Peachtree Corners, Georgia, USA
- **25-27** – IDCON Planning & Scheduling: Spare Parts Management  
Raleigh, North Carolina, USA
- **28-29** – IDCON Preventive Maintenance Essential Care & Condition Monitoring  
Raleigh, North Carolina, USA

### SEPTEMBER 2014

- **15-19** – IDCON Practical Root Cause Problem Elimination  
Raleigh, North Carolina, USA

### OCTOBER 2014

- **6-10** – Hands On Workshop for Pulp & Paper Basic Course  
North Carolina State University - Raleigh, North Carolina, USA
- **6-10** – IDCON Reliability & Maintenance Management: Work Processes & Precision Skill Sets  
Pensacola, Florida, USA

### NOVEMBER 2014

- **6-7** – TAPPI Tissue 101: Properties & Processes Course  
Miron Construction, Neenah, Wisconsin, USA
- **3-7** – IDCON Practical Root Cause Problem Elimination  
Pensacola, Florida, USA
- **3-7** – IDCON Practical Root Cause Problem Elimination  
Pensacola, Florida, USA

- **17-19** – IDCON Planning & Scheduling: Spare Parts Management - Raleigh, North Carolina, USA

- **20-21** – IDCON Preventive Maintenance Essential Care & Condition Monitoring - Raleigh, North Carolina, USA

### JANUARY 2015

- **12-15** – TAPPI Introduction to Pulp and Paper Course  
Hilton St. Petersburg Bayfront Hotel, St. Petersburg, FL, USA
- **12-15** – TAPPI Kraft Recovery Course  
Hilton St. Petersburg Bayfront Hotel, St. Petersburg, FL, USA

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

**NOTE:** THESE DATES ARE SUBJECT TO CHANGE

"I've developed a network of 'go-to' experts who help me understand the individual elements of packaging and how our components and processes work in concert. Through my TAPPI network, I have collaborated with suppliers and producers to win business on countless occasions."

**Ginger Cushing,**  
Professional Member since 1988  
Business Manager/Americas, Michelman Inc.  
Ponte Vedra, FL

"TAPPI offers professional tools, experiences and training that put one ahead of the competition. As a result I am more valuable and effective in my industry roles. I have always urged my reports and peers to join TAPPI and tap into its knowledge base, publications, training, and conferences."

**William "Bill" Bittle,**  
Professional Member since 1998  
SciEnTech Solutions  
Rock Hill, SC

"I often call on the people I have met through my TAPPI association for help and advice when I have technical or process problems, or need business references. These resources have helped me out of problems many times."

**Roger Smith,**  
Professional Member since 1989  
K1 Paper Machine Manager, Domtar  
Kingsport, TN

# WHY JOIN TAPPI?

**MEMBER BENEFITS**—Your TAPPI membership has tangible rewards! You'll receive monthly, bimonthly, and quarterly publications, discounts on professional development resources, and access to our extensive research archive on the Internet.

**NETWORKING**—Share information and swap ideas with more than 7,000 engineers, scientists, managers, and suppliers in more than 65 countries. No other association brings together the complete supply chain in paper, corrugated packaging, flexible packaging, nanotechnology, and nonwovens.

**CAREER ADVANCEMENT**—Find new positions in the industry through TAPPI's career center, created to help potential employers and employees connect with each other. Plus, TAPPI's high quality education programs give you the skills and knowledge to excel and advance!

## TAPPI's Highly Acclaimed Membership Benefits

- **Online Access to Over 20,000 Articles and Technical Documents**—Gain 24/7 access to the latest technical advancements and solutions available in our e-Library, the industry's largest collection of papers, articles, reports, and more. It's fully searchable and downloadable.
- **Stay on Top of Industry News and Trends**—Get the news and information specific to your area of expertise through:
  - *Paper360°*—bimonthly publication, free for all members
  - *TAPPI JOURNAL*—online monthly, free for all members
  - *Corrugated Today*—bimonthly print journal, \$36/year for members
  - *Flexible Packaging Magazine*—a free optional subscription for members (10 issues per year)
  - *Tissue360°*—quarterly online publication, free for all members
  - FREE specialty newsletters on a wide array of topics
- **Take Care of Your Professional Development**—Participate in TAPPI's numerous conferences and online and classroom courses, all with a member discount, covering the latest industry advancements and hottest issues.
- **Make Professional Connections**—Through our Membership Directory, 300+ committees, local sections, and world-class events, there are many opportunities to get involved and establish your own personal network of contacts.
- **Reduce Costs**—Utilize TAPPI's extensive collection of trusted technical information and research.
- **Streamline Operations and Maximize Performance**—Ensure products meet industry-recognized best practices and improve production with TAPPI's Standards and TIPs (Technical Information Papers). TAPPI is an ANSI-certified standards development organization.



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+1-770-446-1400 (Worldwide)  
fax +1-770-209-7206  
www.tappi.org

## HOW TO JOIN

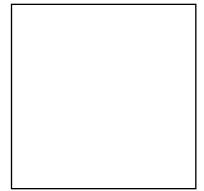


Visit [www.tappi.org/join](http://www.tappi.org/join).

For more information or to schedule your onsite training, please contact Mary Beth Cornell ([mcornell@tappi.org](mailto:mcornell@tappi.org)) or call (770) 209-7210.



15 Technology Parkway South  
 Suite 115  
 Peachtree Corners, GA 30092



## 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 paper, packaging, tissue 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 and problem solving
- ✓ Maximize your training budget --one flat fee
- ✓ Improve Productivity!



### CONTINUING EDUCATION CREDITS PROVIDE TRAINING INCENTIVES FOR YOUR STAFF

CEUs - 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), 1620 I Street, NW, Suite 615, Washington, DC 20006

### THREE WAYS TO REGISTER!

1. VISIT US ONLINE AT [WWW.TAPPI.ORG/CALENDAR](http://WWW.TAPPI.ORG/CALENDAR)

2. CALL MEMBER SERVICES AT

1-800-332-8686 (US) 1-800-446-9431 (CANADA) +1-770-446-1400 (WORLDWIDE)

3. CONTACT MARY BETH CORNELL (DIRECTOR OF MEMBER SERVICES), EMAIL; [MCORNELL@TAPPI.ORG](mailto:MCORNELL@TAPPI.ORG) OR 770-209-7210