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

Discover More at tappi.org/calendar
TAPPI helps you train YOUR way!

E-Learning

Company Classroom

Face-to-Face Education

CORRUGATED

TAPPI Corrugated Box, Linerboard & Medium Manufacturing Course
This introductory-to-intermediate course strengthens students understanding of the corrugating process, linerboard and medium performance properties and manufacture.

TAPPI Linerboard & Medium Manufacture Course
This intermediate course helps students increase their understanding of linerboard and medium performance properties and manufacturing in order to improve performance and runnability. Core 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
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.

TAPPI Advanced Bonding Course: 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.

TAPPI Best Practices on the Corrugator Course
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.

Find the most current course information at tappi.org/calendar

Course Pricing
- Two Day Training: $920 Member
- $1,640 Nonmember Pricing
- Three Day Training: $1,125 Member
- $1,965 Nonmember pricing
- Four Day Training: $1,435 Member
- $2,155 Nonmember pricing

TAPPI Professional Membership is $174.

Join and Save on Training!
tappi.org/join

Pricing is a sample of early bird rates. Group discounts are available. Pricing is subject to change.
TAPPI Improving Paper Machine Performance Course
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.

TAPPI Introduction to Pulp & Paper Technology Course
This introductory course gives students increased confidence in understanding pulp and paper processes, ways to interact more knowledgeably with process engineers and operators and increases their ability to contribute to and improve mill operations.

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

TAPPI Kraft Recovery Course
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.

TAPPI 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.

TAPPI Advanced Printing Course
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. Learn more about PaperCon at papercon.org

Find the most current course information at tappi.org/calendar
TAPPI Tissue 101 Course: 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.

TAPPI Tissue 201 Course: 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.

TAPPI Tissue 202 Course: Converting Operations
This intermediate-to-advanced course helps students develop an understanding of the tissue transformation and packaging required processes for today’s complex products. Students will improve their ability to select, optimize and troubleshoot tissue converting processes.

TAPPI Biorefinery Course
This introductory course provides students with a better understanding of emerging biorefinery technologies and their design and implementation in a business strategy.

PID Analysis, Troubleshooting and Tuning
This one-day seminar with group exercises teaches students the skills to apply simple metrics to evaluate and benchmark how well their control system is performing, troubleshoot when a loop requires tuning, and determine the optimal tuning for PID loops, distinguish between loop oscillations, interactions, valve problems or loop non-linearity. Students will also be able to describe what cascade control is and what feed-forward is.

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

TAPPI 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.

TAPPI Tissue 202 Course: Converting Operations
This intermediate-to-advanced course helps students develop an understanding of the tissue transformation and packaging required processes for today’s complex products. Students will improve their ability to select, optimize and troubleshoot tissue converting processes.

Find the most current course information at tappi.org/calendar
TAPPISAFE Basic Orientation
This course is an OSHA awareness-level orientation for mill contractors, suppliers and visitors that covers 19 safety topics.

TAPPISAFE 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.

TAPPISAFE 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.

TAPPISAFE Back Safety
This course provides training on the anatomy of the back, causes of pain, lifting safety, how to properly carry and place a load, alternatives to lifting and how to maintain a healthy back.

TAPPISAFE Bloodborne Pathogens
This course provides basic terminology and definitions for OSHA’s Bloodborne Pathogen Standard, including information on transmission, exposure and emergency situations.

TAPPISAFE Fall Protection
This course provides information on how to reduce fall hazards in the work place. This course covers basic terminology and definitions are presented as well as information on training and employer responsibilities, fall protection systems, and the basics of elevated work.

For a full list of all TAPPISAFE training courses visit tappisafe.org/courses

**NEW Online Pulp, Paper, and Tissue Technical Training**

These new eLearning courses, developed by Alabama Southern, include Pulp Manufacturing, Paper Manufacturing, and Tissue Manufacturing. The courses are available on a site lease basis, which includes unlimited use for all training at the site, and can be uploaded to your mill’s learning management system (LMS). The courses are customizable to specific mill processes, and products; and to varying lecture sizes, and/or to different content levels.

Other courses include:
- Chemical Recovery
- Environmental Control
- Recycling Technology
- Pulp Mill/Paper & Board Testing Labs
- Wet End Chemistry
- Paper Machine Optimization
- Coating Technology.

Visit tappi.org/elearning to purchase a license or to access complete course descriptions.

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**Coming in 2015!**

TAPPI Peer-reviewed eLearning Modules on the Pulping Process

Learn the basics of pulping from raw material handling to stock preparation with courses on:
- Continuous Cooking
- Superbatch Cooking
- Screening
- Washing
- Oxygen Delignification
- Bleaching
- Woodhandling
- White Liquor Plant
- Pulp Drying
- Baling
- Mechanical Pulping
- Recovery Boiler
- Evaporators
- Spout Robot
- Bubbling Fluidized Bed Boiler
- Circulating Fluidized Bed Boiler
- Mill Wide Systems

Visit tappi.org/elearning to purchase a license or to access complete course descriptions.
CURRENT LIST OF UPCOMING COURSES

JANUARY 2015
- **12-15** – TAPPI Introduction to Pulp and Paper Course
  Hilton St. Petersburg Bayfront Hotel, St. Petersburg, Florida, USA
- **12-15** – TAPPI Kraft Recovery Course
  Hilton St. Petersburg Bayfront Hotel, St. Petersburg, Florida, USA
- **27-29** – TAPPI Improving Paper Machine Performance Course
  Peachtree Corners, Georgia, USA

FEBRUARY 2015
- **9-12** – TAPPI Best Practices on the Corrugator Course
  Peachtree Corners, Georgia, USA
- **23-24** – IDCON Planning and Scheduling Course
  Raleigh, North Carolina, USA
- **25** – IDCON Materials and Spare Parts Management Course
  Raleigh, North Carolina, USA

MARCH 2015
- **9-13** – Hands-on Workshop for Pulp and Paper Basics
  North Carolina State University, Raleigh, North Carolina, USA
- **10-12** – Pine Chemicals Association Recovery Short Course
  Atlanta, Georgia, USA
- **16-17** – IDCON Preventive Maintenance/Essential Care & Condition Monitoring (PM/ECCM) Course
  Raleigh, North Carolina, USA
- **18-19** – IDCON Essential Care and Basic Inspection Techniques Course
  Raleigh, North Carolina, USA

APRIL 2015
- **14-16** – TAPPI Best Practices on the Corrugator International
  Shanghai, China
- **18-19** – TAPPI Advanced Printing Course
  Omni Hotel, Atlanta, Georgia, USA
- **22-24** – TAPPI Tissue 201: Operations and Runnability Course
  Omni Hotel, Atlanta, Georgia, USA
- **23** – PID Analysis, Troubleshooting and Tuning Course
  Omni Hotel, Atlanta, Georgia, USA
- **27-May 1** – IDCON Root Cause Problem Elimination-Work Process and Forensics Course
  Beaumont, Texas, USA

MAY 2015
- **11-13** – Forest Products Society - Intro to Wood Science and Forest Products Course
  Starkville, Mississippi, USA
- **18-19** – TAPPI Corrugated Box & Linerboard Medium Manufacturing Course
  Appleton, Wisconsin, USA
- **19-20** – TAPPI Paper Machine Operations Course
  Appleton, Wisconsin, USA
- **19-20** – TAPPI Troubleshooting “Flexos” and Die Cutters Sustain Board Caliper & Improve Printing Course
  Appleton, Wisconsin, USA

JUNE 2015
- **1-2** – IDCON Planning and Scheduling Course
  Longview, Washington, USA
- **8-12** – Hands-on Workshop for Pulp and Paper Basics
  North Carolina State University, Raleigh, North Carolina, USA
- **16-18** – TAPPI Introduction to Wet End Chemistry Course
  Peachtree Corners, Georgia, USA

JULY 2015
- **11-13** – TAPPI Tissue 202: Converting Operations Course
  Neenah, Wisconsin, USA
- **12-17** – NAPIM Summer Course
  Fox Valley Technical College Appleton, Wisconsin, USA
- **27-31** – Hands-on Workshop for Environmental Life Cycle Assessment
  North Carolina State University, Raleigh, North Carolina, USA

AUGUST 2015
- **4-5** – TAPPI Intro to Kraft Pulping & Bleaching
  Peachtree Corners, Georgia, USA
- **17-20** – TAPPI Linerboard Medium Manufacture Course
  Peachtree Corners, Georgia, USA
- **19-20** – Advanced Bonding: An in-depth look at the Bonding Process
  Peachtree Corners, Georgia, USA

SEPTEMBER 2015
- **14-15** – IDCON Preventive Maintenance/Essential Care & Condition Monitoring(PM/ECCM) Course
  Raleigh, North Carolina, USA
- **16-17** – IDCON Essential Care and Basic Inspection Techniques Course
  Raleigh, North Carolina, USA

OCTOBER 2015
- **5-9** – Hands-on Workshop for Pulp and Paper Basics
  North Carolina State University, Raleigh, North Carolina, USA
- **5-9** – IDCON Root Cause Problem Elimination-Work Process and Forensics Course
  Raleigh, North Carolina, USA
- **30-Nov. 1** – TAPPI Biorefinery Course
  Atlanta, Georgia, USA

NOVEMBER 2015
- **2-3** – IDCON Planning and Scheduling Course
  Raleigh, North Carolina, USA
- **4** – IDCON Materials and Spare Part Course
  Raleigh, North Carolina, USA
- **4-5** – TAPPI Tissue 101: Properties & Processes Course
  Peachtree Corners, Georgia, 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 go to www.tappi.org/calendar or contact Mary Beth Cornell at mcornell@tappi.org

NOTE: THESE DATES ARE SUBJECT TO CHANGE
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), 7918 Jones Branch Dr., Suite 300, McLean, VA 22102

To register for a company classroom email or call today!
Contact Mary Beth Cornell, email: mcornell@tappi.org or +1770-209-7210

The Power of Connection Profiting from TAPPI Membership
Find out more at 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

Save money
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 …