



PACKAGING UNIVERSITY

Course List

AICC COURSE 101

Corrugated Basics 101: History and Industry Overview

In this course, called History and Industry Overview, we will discuss the History of Corrugated and provide you with an Overview of the Corrugated Industry today. Also in this module, we will take a look at the Corrugated Industry as it stands today. We'll look at the different types of Manufacturers and what they produce. We will cover the size and scope of the corrugated industry. And finally, we'll discuss why corrugated is so popular as a shipping container material.

Corrugated Basics 102: Corrugated Board and Its Uses

In this course, called Corrugated Board and its Uses, we'll discuss the construction, configurations and types of Corrugated Board. It is divided into three lessons. In lesson 1, we'll look at how corrugated board is made. Lesson 2 covers the specifications of Linerboard, Medium and finished Combined Corrugated Board and we'll have a look at some of the tests used to assure quality. In lesson 3 you'll see some of the various types of products being made from Corrugated Fiberboard.

Corrugated Basics 103: Manufacturing and Converting

This course is on the manufacture of Corrugated Board and converting that board into various products. In this module we'll cover the most common forms of corrugated packaging, from the smallest folding cartons to huge bulk containers. We will discuss some box terminology and show you some box blanks before they have been formed. You will see several types of containers, from small Folders and Wrap-Arounds to large Bulk Containers, including the most common package, the "Regular Slotted Container". And we will show you how to correctly describe a box using industry conventions and terms. We will also show you some of the "non-container" uses for corrugated board.

CUSTOMER SERVICE

How to Help an Upset Customer

Even the best companies occasionally have upset customers. Terri Lynn Levesque offers a strategy that will assist anyone with managing their own emotions while helping to find a solution for the customer. This very brief course uses the acronym SPAA to equip you to calmly manage these difficult conversations.

EDUCATION INVESTOR COURSES

Benefits of ERP Software Solutions for the Packaging Industry

This course focuses on how ERP software solutions can help your company with financials, operations and logistics, sales and marketing, and customer satisfaction. Told through firsthand accounts of professionals in the packaging industry, this a course you do not want to miss!

Digital Transformation for Corrugated Printing

Changes in consumer trends are driving brands to consider adding digital printing to their marketing strategies. Box makers must be in a position to respond to the decisions made by the brands. However, transitioning to digital does not happen overnight. This course will show you the workflow systems ideal for converters seeking a smooth transition to digital, some digital corrugated solutions, and case studies highlighting digital conversion success stories. It is definitely an exciting time for the digital print industry.

Essential Principles of Water Based Inks

While there are choices when it comes to the different inks you can use for printing; one thing is certain - inks are critical to a successful print job. This course will give you the basics you need to know as a printer or supplier of water-based flexo inks and how to engineer these inks for consistent, quality printing.

Innovations and Machinery Advancements in the Corrugated Industry

We are excited to take you on a journey that will help you better understand the current state of the corrugated industry and where it is headed. New trends, demands, and the ever-changing state of the world are causing the industry to make significant strides in machinery advancements. These advancements aim to mitigate current pain points in the industry and streamline your current packaging line.

Optimizing the Flexographic Printing Process

How many of us know how to become the perfect version of ourselves? Many of us do not, and neither do our flexographic print processes. However, this course is designed to showcase the cutting-edge technologies and systems within the flexographic printing industry that can help make your press the best version of itself.

Rightweighting

Rightweighting can be used to find substrates that optimize the performance of the box and appeal to both the end-users and box manufacturers in terms of cost, sustainability, and efficiency. The shift to right-weighting did not happen overnight. This course will dive into the origin of right-weighting, its application today, the technology, and where the future of rightweighting is headed.

Rotary Die Cutting Operation

Rotary die cutters represent an excellent solution for flexographic printing and die cutting in-line, providing enhanced productivity, superior registration-and-print quality, increased flexibility, and a lower total cost of ownership. Rotary die-cutters are used in two main industries: the manufacture of corrugated packaging with high printing and die-cutting requirements, and the production of in-store displays from corrugated board. As these industries continue to grow, we must follow suit, and this course is the perfect place to begin that journey! This course covers the fundamentals of rotary die cutting operations, major sections of the machine, and housekeeping and maintenance procedures for your machine.

The Corrugator

This course focusing on the corrugator dives into key sections and systems of the corrugator, including the wet end, dry end, and the corrugator control system.

FINANCE**Keeping Score: How to Read Financial Statements**

Demystify the four most common financial statements: The purpose of the Balance Sheet, the Income Statement, the Cash Flow Statements and the Ratio Analysis. This course offers a practical approach for people of all levels of your packaging company to keep score using these tools.

Understanding Accounts Receivable and Cash

Cash flow is the life blood of business. Learn how every department in your company influences cash flow, specifically Accounts Receivable and why collections are important to everyone in your firm. Prompt processing and payment of invoices increase the value and health of your business.

HUMAN RESOURCES

Avoiding Antitrust Liability

Through the video, you will learn what antitrust law is, along with basic principles and guidelines to follow to avoid costly violations that could cause lasting and significant harm to yourself, your company and the industry as a whole. Please note that although this video is designed to educate, it is intended to supplement, not to replace, your companies' antitrust compliance policies and training programs. AICC's Antitrust Manual is included with this course.

Corrective Counseling

HR consultant and attorney Grace Schmitt gives direction for coaching and retaining employees in a tough labor market. She shares best practices for preparing for and conducting the difficult conversations that help employees to be successful.

Designing Your Training Space

The purpose of this course is to guide you through the process of creating a physical space for adults to learn effectively. These spaces will reflect your company's commitment to training team members to work safely and productively. To optimize your training space, we focus on 1) key policies and priorities related to training so that you may be successful, 2) how adults learn best, including some insights into the various learning styles, 3) setting up the individual learning space, and 4) the collaborative workspace.

How to Train Anyone to do Anything

Much of the training in busy packaging plants is hurried and consists of reading procedures or learning in a classroom without the opportunity to demonstrate the ability to comply with the training. This course is provided to train the trainer in best practices for engaging employees and transferring critical knowledge for a safe and productive workplace. Perfect for seasoned employees who are tasked with training a new generation.

Internal Staff Development Guide

The internal staff development guide is a tool for onboarding and ongoing professional development. The course provides Human Resources, and key training people with resources to help effectively train new employees and make sure an employee understands the requirements and expectations of the company. Since the information at times can be company specific, the user downloads the documents and works to complete the information as it relates to the company and the companies' rules and expectations. Questions such as who to contact for quotes, dock times, quality issues are all key components within every manufacturing company this course helps both the company as well as the employees establish guidelines if not already developed and reaffirm current rules and processes for effective work performance.

Maximize Training ROI

This course addresses proven methods of effective employee engagement, planning, and application of training. Best practices for use of AICC Packaging School, destination classes, or any other learning experience show how to check the learner's knowledge and get the benefit of application right away. The planning process is explained, and resources are provided. Finally, a plan for overcoming cultural resistance to training and implementation is shared.

Retain, Engage, and Grow Employees

In this course Ben Baker highlights best practices for equipping and motivating your best people. He goes further to strategize how to reengage those employees that have become distracted and unproductive. The goal is to engage all of those employees that are retained as captions of your company brand.

LEADERSHIP**Communication for Coaches**

Modern management requires coaching skills, and first among these skills is communication. Participants complete a short survey that provides real world feedback on business.

Decision Trees: Knowledge Insurance

A decision tree is a diagram or chart that depicts a decision making process. With the use of this tool delegation of important decisions, that had previously been bottleneck, is made much faster and more thorough. In a time of unprecedented loss of "tribal knowledge" as the boomers reach retirement it has become even more urgent. Knowledge is captured in decision trees that allows those with less experience to understand the questions to ask, the priorities in play, and the data to follow to a reasonable conclusion. A decision tree is one of the best training tools we have, and it represent "knowledge insurance" for the protection of best practices.

Delegation DIY

Learn to be more productive while investing in the knowledge and skill of your dissect reports. Learn to evaluate the level of delegation at which others delegate to you. In both cases you will gain skills to attain the next level of delegation effectiveness.

Emotional Intelligence for Career Development

People skills are a requirement for success in almost every job. This course on Emotional intelligence provides an assessment of your skills in self-awareness, self-regulation, and social skills, as well as your motivation to improve and to follow through on projects. An action plan will assist you in focusing your improvement efforts and exercises are provided as resources for the area of focus you choose.

From Management to Leadership

Suzy Fores Cummins describes best practices for becoming an effective leader. With in-depth discussion of communication, organization, and creating a vision, she has provided a roadmap toward an inspiring culture. This course includes exercises to grow insight and skill in communication and situational leadership.

Get the Right Stuff Done, Time Management for Supervisors

A brief time management course for production supervisors.

Go Team! How to Make Your Team More Productive

Understand the stages of team development so that you can lead them to higher productivity. You will learn to build a Team Charter, identify the functional stage and equip them to accomplish more and enjoy the process! In addition, the value of learning from both success and failure is explored, as are key aspects of measurement and recognition.

Giving Motivational Feedback

This course provides a step by step plan for delivering both positive and negative feedback by the most effective methods. Participant's practice using the steps to work through real workplace interactions. This course, which originally aired as an AICC webinar in December 2018, will equip any manager to improve the delivery and motivation of their feedback. The instructor is professional coach Leah Ashford.

Increasing Margin Through Process Improvement

Packaging industry veteran Suzy Fores Cummins explains how and why increase in margin can be achieved by every employee. This course focuses on efficiency and awareness of system and inventory primarily on the administrative side of the business. The learning is easily applicable to the production side as well.

Mentoring Best Practices

Mentoring is an essential component in today's workforce. Seasoned employees at all levels of the organization have a wealth of knowledge that is critical to future success. This course describes the best practice and provides tools to allow anyone to form an effective mentoring relationship.

Navigating Time: Time Management for the Job Shop

The frustration of time management in a job shop is due to two factors. First, whether your job is in sales or production the schedule is ever changing in our service oriented and chaos friendly companies. Second, time cannot be managed any more than a kayaker can manage a river, only plan-full navigation will keep your adventure from becoming an ordeal. This course guides you thorough the process of goal setting and scheduling to achieve greater balance and get more done on the things that matter most.

Productive Meetings

Most meetings waste productivity, time, and money. This course provides tools and strategies to hold meetings that have a clear purpose and value, include the right people, have a clear agenda, keep action items and hold people accountable, and quit meeting when the goals are achieved. This is a plan to grow leaders and increase productivity by having more productive meetings.

Situational Leadership

This course was originally presented as a webinar in November of 2018 and has been adapted for e learning. Professional Coach Leah Ashford shows the various leadership styles and offers strategies for adapting managerial style to fit developing employees.

Speak with Data, Bring a Solution to Your Problem

How to gather and use data to solve problems. Focused on supervisors who want to enhance their ability to bring solutions while training those around them to do the same.

MAINTENANCE**Boiler Rooms, Boilers, and Steam Systems**

Craig Gast describes the various types of boilers common in packaging as well as key factors for their care and maintenance. He discusses the best practices for safety and performance. He also guides participants to improve the visuals, and the preventative maintenance, to avoid critical losses, and make the often-neglected boiler room into the showplace it should be.

Corrugator Roll Alignment

Chris Engels, of Triuna, demonstrates the process of roll alignment for best performance and asset life. Guidance for checking, cleaning, and adjustment are also included in this practical course for those that produce corrugated board and those who maintain the corrugator.

Corrugated Roll Audit

Chris Engels, Production Manager of Triuna demonstrates the procedures for proper measurement and maintenance of corrugating rolls to ensure consistent production and longer roll life. An audit is included for download.

Facility Assessment from a Maintenance Perspective

Craig Gast draws on 40 plus year of experience to demonstrate facility assessment best practices. Drawing on production and machine performance data as well as disciplined observation he shows us how to reduce machine downtime.

How to Audit a Corrugator

Whether it is made on site or purchased elsewhere careful measurement & monitoring of sheet quality is essential to professional box manufacture. This course defines the tools and the process to better control your corrugated, or to speak to your supplier with helpful and convincing data.

Implementing a Scheduled Routine Maintenance Process

Successful companies, pursue business goals by INTENTION, not LUCK. The roadmap of these paths of success are expressed in detail by the various processes, procedures and plans used to operate the company. Scheduled Routine Maintenance is a plant wide process. This presentation covers a sampling of the steps taken to implement a Scheduled Routine Maintenance Process.

Maintenance Department 5S

This course gives an overview of 5S specific to the maintenance department. 5S is a set of standards for organization that has been shown to increase safety and productivity while reducing waste of time, money, and effort. Instructor Craig Gast has implemented these principles as a nuclear power plant operator, as a plant engineer in independent corrugated converters, and as a capital project manager for an integrated box maker.

Maintenance Mapping

John Kravontka, CMRT, CMRP teaches the process and benefits of Maintenance Mapping for improved safety, quality, and productivity. This technique brings the skills of value stream mapping to the maintenance department with benefits to machine health, speed of response to production issues, organization of the shop, and reduction in chronic productivity losses.

Preventive Maintenance Optimization

Explores and explains operator preventative maintenance activities, and equipment visuals. He explains the primary causes of most breakdown and demonstrates use of the diagnostic tools to prevent them. Lubrication strategies and measures are also explained. These practices improve Predictive Maintenance and help to optimizing PMs with schedules and one-point lessons. Presented by John Kravontka, CMRT, CMRP.

PACKAGING PRODUCTION

Flexographic Print Fundamentals

High quality flexographic printing on corrugated substrates has always been a challenge. This course demonstrates how to produce clean solids and line work as well as halftones and spot colors. Many typical troubleshooting issues are addressed, from dot gain and die-cutting to proper graphic design for corrugated to ensure best results. This course is based on core objectives covered in the live workshop held at Clemson's PrintCon facility.

Adhering to Corrugator Standards

This e-learning module was originally produced as a part of the highly acclaimed series Achieving Higher Levels of Productivity. The series was coordinated by Leslie Pickering of Quadrant 5 Consulting. Your instructor, Steve Rote is the technical sales director of MetsaBoard. As an experienced printer his career evolved to focus on the corrugator and the necessary controls required to create high quality, consistent board. The guidance he provides will help improve the quality of board produced for high graphics as well as general applications.

Data Management: Machines

In this module Tom Weber, AICC Folding Carton expert, facilitates a discussion on the use of production data gathered and reported through ERP software. Two of AICC's supplier members, Advanceware and Amtech, describe the uses and features of the software with its ability to monitor and report real time data. Practical answers and resources are offered and developing technologies are discussed.

Fingerprinting the Flexographic Press

Fingerprinting demonstrates the capability of your press to print an image with consistency and quality. Learn to validate the settings on any flexographic press in order to diagnose issues for improvement, and to gain speed, quality and repeatability of print.

Flexographic Print Plates

This course was prepared by Jason Cagle who has also been a contributor to AICC's live Flexo Best Practices course at Clemson University. In this course Jason explains the best practices for storage and cleaning of print plates for quality print and extension of print plate utility.

Introduction to the Rigid Box

Industry expert Nelva Walz explains the many uses for the Rigid Box, and how it complements corrugated and folding carton packaging. She describes the styles of various box types as well as the materials that are used to construct them.

OEE for the Packaging Industry

In this course Overall Equipment Effectiveness is defined and shown to be a balanced and practical measurement for productivity. Scott Heilmann walks us through the steps to gather baseline measures, calculate OEE, quantify related savings, compensate for the changeover effect, and set motivating production goals. Additional resources are provided.

Packaging Production Math

This course is a practical guide to how math skills are used in packaging production. Math instructor Greg Davis refreshes your knowledge of fractions, use of a tape measure, converting standard and metric measurements to decimals, and estimation of product counts. While this course is not a replacement for a basic math class, it will prepare workers by showing how and where math skills will help them succeed in packaging production.

Reduce Paper Waste

How to identify and reduce various types of paper waste common to packaging manufacturers.

Setup Reduction

Lean manufacturing techniques are explained in this course for the purpose of eliminating waste in the change-over time between jobs. The waste reduction tool TIMWOOD is used by all the participants to identify seven types of waste. Using video of a ten-minute set-up is the operators are tracked using a spaghetti diagram, then process of prioritizing and leveling the work is described. The duties, as well as the time it takes to accomplish them are analyzed and the necessary training is completed. Most often this results in a set up time reduced by half.

The Manufacturing Environment

In 2015 industry veteran Les Pickering of Quadrant 5 coordinated a series of webinars on achieving higher levels of productivity. In this first installment of the series Les describes the manufacturing environment and its effect on productivity, safety, and morale. He shares examples and best practices from various industries and shows their application to packaging.

Understanding Anilox Rolls

We will look at the function, operation, cleaning, and maintenance of anilox rolls for peak performance in printing. Flexography is a process and the anilox is the heart of ink control. Here we will learn about volume, cell count, screen angle and cell geometry. This course also covers anilox cleaning and maintenance and outlines daily, weekly and monthly maintenance for maximum performance, importance of anilox roll identification, tracking and inventory inspection.

Understanding Combined Board Combinations

Any given ECT can be made from a variety of containerboard grades. Linerboards and mediums come in a wide range of strength properties. It is always a matter of selecting the highest strength at the least basis weight at the lowest cost. Know your corrugator's efficiency at maximizing the inherent strengths of the raw materials.

Unit Load Design and Analysis

Did you know that boxes and pallets interact with each other when they are assembled into a unit load? This interaction drives the performance – that is the success or failure - of the boxes and pallet. Optimization must be done considering the entire system to have the greatest benefit. This course provides an introduction into the system-level design of unit loads containing boxes. It covers the benefits, potential cost savings, environmental impacts, engineering & development, looks at a few case studies, and goes into depth about how boxes and pallets interact.

WARP and How to Control It

Learn how paper or combined board reacts to moisture or tension and how operator adjustments can correct warp. Participants will increase their working knowledge of a corrugator moisture control process while keeping bond integrity intact.

PROCESS IMPROVEMENT**Build a Visual Workplace**

The foundation of improvement is organization of the workplace. Until the environment is organized for success it will be impossible to maintain any gains in productivity. The five Ss are described, and the two desired results are also included so that employee motivation is aligned with company goals. The concepts and best practices of organization activities and employee agreements necessary to sustain progress are described. Each participant also receives the Visual Workplace Handbook by the Psquared Team.

Faster, Better, Smart with Value Stream Maps

This course gives an essential understanding of the tools for analysis and improvement of material and information flow. The various uses of Value Stream Mapping (VSM) will be described. Participants will learn to map material flow through the supply chain, production, and warehousing to eliminate bottlenecks and reduce inventory costs. By mapping Information flow, they will learn how to increase ease, accuracy, and speed of the order process from customer contact to the production handoff. Finally, we will depict the customer experience and improve both communication and the quality of time spent doing business with your company.

Introduction to Lean Packaging

This course introduces the learner to the general concepts of Lean delivery of goods and services. It supports the many e learning courses on Packaging School that delve more deeply into the individual tools for productivity improvement. The primary focus is the methodology of selecting the right tool for the problem at hand by following the data.

Key Performance Indicators

Key Performance Indicators (KPI) are dashboard level measurements that allow us to monitor our performance. This course shows the process of creating meaningful KPIs that drive better performance. Because the measure is developed to meet or exceed customer expectations, they also help break down the negative perceptions that often exist within the companies' various departments. Also, they help create a positive impression with customers as promises are kept. Special attention is also paid in this course to improving relationships between departments by perceiving one another as a string of suppliers and customers.

Project Planning: MAPP the Project for Success

This course gives an essential understanding of the tools for analysis and improvement of material and information flow. The various uses of Value Stream Mapping (VSM) will be described. Participants will learn to map material flow through the supply chain, production, and warehousing to eliminate bottlenecks and reduce inventory costs. By mapping Information flow, they will learn how to increase ease, accuracy, and speed of the order process from customer contact to the production handoff. Finally, we will depict the customer experience and improve both communication and the quality of time spent doing business with your company.

Proposals, Problems, and Projects with A3

The A3 is a one-page document that communicates a problem solution, a proposal, or the status of a project. It is widely used as a standard communication tool in learning companies that subscribe to the principles of lean production of goods and services.

Standardized Work

Make it easy to do the right thing in your company. Standardized work is built through documentation, teamwork, and practice to accomplish continuous improvement in any important process. This course teaches the creation of Standard Operating Procedures, One Point Lessons, Decision Trees, checklists, and more. Templates and guidelines will equip you to provide clear guidelines for important task that will improve productivity and speed of training.

RESOURCES**Cross Training Resource**

This resource is provided to help companies build bench strength in the workforce to keep people engaged and productive by continuous training and opportunity. A cross trained workforce increases flexibility and helps do more with fewer people.

Individual Development Plan

This is a resource to help build a plan for development of the necessary skills for management in the packaging industry. It is applicable to use with an individual or with a tier of leadership (e.g., Supervision).

Tracking Training Tool

This is not a course, but a resource to make easy tracking of training accessible to all AICC members. Dr. Scott Ellis describes the need for the Excel based tool and then demonstrates the features of its use. Members can then download the Excel Tracking Tool and put it to use.

SAFETY**Safety Basics**

This course provides employees with the knowledge and skills required to safely perform their assigned duties, recognize potential hazards and avoid them. Topics covered include: Job Safety Analysis, Personal Protective Equipment, Ergonomic Injury Avoidance, Housekeeping, Utility Safety, Machine Safety, Forklift Safety, Dust Collection, Chemical Safety, Fire and Tool Safety.

SALES**Accelerate Virtual Relationships to Create New Opportunities**

Making the transition to virtual sales has been difficult for many professionals. The pandemic in 2020 made it a critical area of growth for most. In this module Ed Wallace and Mark Roberts lay out the principles and steps to success in building relational capital, understanding relational GPS, discovery of customer needs, and qualification of their priorities.

Five Top Sales Skills

Ed Wallace and Mark Allen Roberts team up to deliver a detailed explanation of the sales skill required to sell virtually and in person. This course includes exercises and worksheets to help practice the skills with potential and current customers.

How to Spec a Corrugated Box

In this course you will learn how to determine what type of box you will be measuring, determine the box construction material, prepare the box for accurate measurement, and finally determine the inside length and width of the carton.

Introduction to e-Commerce

This course will provide you with the basic information needed to understand the e-commerce process, custom packaging trends and the challenges presented by e-commerce logistics. Types of fulfillment, Customer expectations, and testing methods are discussed. The webinar is aimed at all directors, managers, packaging consultants, design and marketing department and all those involved in the sale and design of corrugated packaging.

SPANISH**Cómo especificar una caja**

En curso enseña a definir el tipo de caja que medirá, el material con que construirá la caja, la forma de prepararla para realizar una medición precisa y, por último, a definir el largo y el ancho interno de una caja.

Como mejorar las ventas en esta nueva realidad

En esta segunda parte del curso revisaremos el proceso de venta tradicional, incorporando las modificaciones necesarias para adaptarnos a la nueva realidad. Entenderemos la importancia de identificar clientes potenciales (prospectar) y como convertirlos en clientes actuales. Aprenderemos estrategias practicas para lograrlo en forma sistematica, desde el primer contacto con el cliente, el manejo de objeciones hasta el cierre de ventas en forma efectiva.

Cómo optimizar la impresión flexográfica

¿Cuántos de nosotros sabemos cómo obtener la versión perfecta uno mismo? Muchos no lo sabemos, ni tampoco sucede esto con nuestros procesos de impresión flexográfica. Sin embargo, este curso está diseñado a mostrar las tecnologías y sistemas de vanguardia que la industria de impresión flexográfica tiene a disposición, los cuales pueden ayudarle a que su prensa sea la mejor versión de si misma.

Cómo realizar una auditoría a la corrugadora

Ya sea que se fabrique en el sitio o se compre en otro lugar, la medición y el control cuidadosos de la calidad de la hoja son esenciales para la fabricación profesional de cajas. Este curso define las herramientas y el proceso para controlar mejor su cartón ondulado o para hablar con su proveedor con datos útiles y convincentes.

Comprensión de las Combinaciones de Cartón Corrugado

Cualquier ECT dada puede hacerse a partir de una variedad de calidades de cartón para contenedores. Trazadores de líneas y medios vienen en una amplia gama de propiedades de resistencia. Siempre se trata de seleccionar la resistencia más alta con el menor peso base al menor costo. Conozca la eficiencia de su corrugador para maximizar las fortalezas inherentes de las materias primas.

Conceptos básicos de corrugado 101, 102, 103

Este curso en tres partes denominado Elementos básicos del corrugado 101, 102,103 estudia la historia general de la industria, la plancha de cartón corrugado y sus usos, la plancha de fabricación y el proceso de conversión. Comprende el análisis de la situación actual de la industria del corrugado. Abarca el estudio de la construcción de las juntas, sus tipos y configuraciones. Además, explica cómo se fabrica el corrugado, las especificaciones del liner, las del cartón corrugado medio y las del cartón terminado así como los tipos de pruebas de calidad del corrugado. Por último, analiza los tipos más comunes de empaques corrugados, la terminología sobre cajas y los espacios en blanco previo a su formación.

Control de las operaciones en una empresa fabricante de empaques de cartón

Curso orientado para las tareas operativas de la empresa fabricante de empaques de cartón corrugado. Este curso contribuye activamente en captar las necesidades del cliente, su interpretación clara como especificaciones de trabajo a coordinar secuencialmente el ingreso de nuevos productos y su fabricación con las técnicas más importantes de manufactura. A conformar una organización interna que de soporte a estas actividades de fabricación en forma ordenada y con las mejores técnicas operativas básicas. En este curso usted conocerá una secuencia ordenada y metodológica para el desarrollo y control de las operaciones de un producto con los mejores rendimientos, cumpliendo ampliamente con las expectativas de los clientes, coadyuvando al logro de los objetivos de productividad y costos de operación. Lo ayudara a coordinar secuencialmente el ingreso de nuevos productos y su fabricación con las técnicas más importantes de manufactura.

Creando un lugar de trabajo visual de trabajo usando las 5S ó 7S

La organización del entorno de trabajo es fundamental para mejorar. Si el lugar de trabajo es desorganizado, será imposible mantener ganancias en la productividad. Este curso describe las 5 S y los dos resultados esperados para que las motivaciones de los empleados concuerden con las metas de la empresa. Analiza los conceptos y las mejores prácticas de las actividades de organización y los acuerdos necesarios con los empleados para mantener el progreso alcanzado. Cada participante recibe el Manual del Entorno visual de Psquared Team.

Factores que afectan la resistencia a la estiba en los empaques de cartón corrugado

En este curso aprenderá algunos de los factores que pueden afectar la resistencia a la estiba como son un mal diseño, aplastamiento de la flauta por exceso de presión en las impresoras, mal acomodo en las tarimas, humedad, etc. Como hacer el cálculo de la resistencia ECT y BTC partiendo de las medidas exteriores de una caja y su tipo de flauta dependiendo la resistencia o el peso que se requiere soportar utilizando la formula de Mckee.

Fundamentos de la impresión flexográfica

La impresión flexográfica de alta calidad en los sustratos corrugados siempre ha sido un desafío. Este curso demuestra cómo producir colores limpios lisos y grabados en línea, así como semitonos y los colores de la mancha. Analiza varios aspectos relacionados con la solución de problemas que abarcan la ganancia de punto y el troquelado para el diseño gráfico apropiado para el corrugado para garantizar los mejores resultados. Parte de los objetivos centrales estudiados en el taller presencial impartido en la PrintCon de Clemson.

Fundamentos de seguridad

Este programa interactivo de capacitación que cubre conocimientos, comprensión y aplicaciones tiene como objetivo brindar a los empleados los conocimientos y las destrezas requeridas para llevar a cabo, de forma segura, las tareas que les han sido asignadas, reconocer los riesgos potenciales y cómo evitarlos.

Implementación de un Proceso de Rutina de Mantenimiento Programado

Las empresas exitosas persiguen los objetivos del negocio con un PROPÓSITO no por SUERTE. El plan de trabajo de estas rutas de éxito se expresa detalladamente a través de varios procesos, procedimientos y planes utilizados para operar la empresa. La Rutina de Mantenimiento Programado es un amplio proceso dentro de la planta. Esta presentación cubre los ejemplos más representativos de los pasos que deben tomarse para la implementación de un Proceso de Rutina de Mantenimiento Programado.

Introducción al Diseño de Cargas Unitarias de Cajas a Nivel de Sistema

¿Sabían que las cajas y las tarimas interactúan entre sí al ensamblarlas en una carga unitaria? Dicha interacción es la responsable del desempeño, es decir, el éxito o el fracaso, de las cajas y tarimas. A fin de obtener el máximo beneficio, se debe efectuar la optimización tomando en consideración todo el sistema. En este curso se presenta una introducción al diseño de cargas unitarias de cajas a nivel de sistema, incluyendo beneficios, posibles ahorros de costos, impactos ambientales, ingeniería y desarrollo. También se analizan algunos estudios de caso y se trata a mayor detalle la interacción entre las cajas y las tarimas.

La Eficiencia General del Equipo (OEE) en la Industria del Empaque

En este curso, la eficiencia general del equipo se define y se muestra como una medida equilibrada y práctica para la productividad. Scott Heilmann nos guía, paso a paso, sobre el proceso para reunir las mediciones de referencia, calcular la OEE, cuantificar los ahorros correspondientes, compensar el efecto de cambio de órdenes en la máquina y establecer objetivos para alcanzar mayor producción. De igual forma, se incluyen otras herramientas que le serán de utilidad.

La importancia de los empaques en el e-commerce, Modulo 1

El objetivo del curso es entender el proceso de E-commerce, así como conocer el tipo de empaques más usados, las tendencias de empaques personalizados y los retos que presenta la logística de e-commerce. El curso está dirigido a todos los directores, gerentes, asesores de empaque, departamento de diseño y mercadotecnia y todas aquellas personas que estén involucradas en la venta y diseño de empaques de cartón corrugado.

La importancia de los empaques en el e-commerce, Modulo 2

Modulo 2. El objetivo del curso es entender el proceso de E-commerce, así como conocer el tipo de empaques más usados, las tendencias de empaques personalizados y los retos que presenta la logística de e-commerce. El curso está dirigido a todos los directores, gerentes, asesores de empaque, departamento de diseño y mercadotecnia y todas aquellas personas que estén involucradas en la venta y diseño de empaques de cartón corrugado.

Las matemáticas para producción de empaques

Este curso es una guía práctica sobre la forma de utilizar las habilidades matemáticas en la producción de empaques. El instructor de matemáticas Greg Davis repasa fracciones, el uso de la cinta de medir, la conversión de medidas estándar y métricas a decimales y la estimación del conteo de productos. Este curso no es un curso de matemática en sí mismo, pero prepara a los trabajadores enseñándoles de qué forma les ayudará la destreza matemática y dónde aplicarla para que lograr una producción de empaques exitosa.

Navegando el Tiempo: Gestión de Tiempo para el Taller

La frustración con respecto a la gestión del tiempo en un taller se debe a dos factores, primero, ya sea que su trabajo se enfoque a las ventas o a la producción, el programa siempre es cambiante en nuestras empresas orientadas a servicio, pero amigas del caos. Segundo, el tiempo no se puede manejar mejor de lo que un kayakuista maneja el río, sólo la navegación planeada evitará que su aventura se convierta en un desastre. Este curso le guiará a través del proceso de establecimiento y programación de metas para lograr un mayor equilibrio y llevar a cabo las cosas que más importan.

Operación de la Troqueladora Rotativa

Las troqueladoras rotativas representan una solución excelente para la impresión flexográfica y el troquelado en línea, ya que brindan una productividad mejorada, una calidad superior de registro e impresión, una mayor flexibilidad y un menor costo total de propiedad. Las troqueladoras rotativas se utilizan en dos industrias principales: la fabricación de embalajes de cartón ondulado con requisitos elevados de impresión y troquelado, y la producción de expositores para tiendas a partir de cartón ondulado. A medida que estas industrias continúan creciendo, debemos hacer lo mismo, ¡y este curso es el lugar perfecto para comenzar ese viaje! Este curso cubre los fundamentos de las operaciones de troquelado rotativo, las secciones principales de la máquina y los procedimientos de limpieza y mantenimiento de su máquina.

Optimización del Mantenimiento Preventivo

Analiza y explica las actividades que lleva a cabo el operador durante el mantenimiento preventivo, así como los materiales visuales del equipo. Explica las causas de la mayoría de las fallas y cómo usar las herramientas de diagnóstico para prevenirlas. También se explican las estrategias y medidas de lubricación. Estas prácticas mejoran el Mantenimiento Preventivo y ayudan a su optimización utilizando un itinerario y lecciones por tema.

Pandeo y cómo controlarlo

En curso analiza cómo reacciona el papel o el cartón combinado a la humedad o a la tensión y cómo corregir el pandeo cuando el operador realiza los ajustes necesarios. Los participantes aprenderán más sobre el proceso de control de la humedad en el corrugador manteniendo intacta la integridad de la adhesión.

Principios básicos de las tintas a base de agua para impresión flexográfica

Aunque existen opciones cuando se trata de escoger entre las distintas tintas para impresión, es un hecho que las tintas son fundamentales para lograr un trabajo de impresión de calidad. Este curso enseña los conceptos básicos que todo impresor o proveedor debe saber sobre las tintas flexo a base de agua y cómo diseñarlas para que entreguen una impresión consistente y de calidad.

Reducción de la configuración

Este curso explica las técnicas de manufactura esbelta con el propósito de eliminar el desperdicio de tiempo por el cambio entre órdenes. Los participantes utilizarán la herramienta TIMWOOD para identificar los siete tipos de desperdicio. Utiliza un vídeo que presenta una preparación de diez minutos, para supervisar a los operadores con un diagrama de espagueti; luego, describe el proceso para establecer las prioridades y el equilibrio del trabajo. Analiza las tareas y el tiempo que toma cumplirlas y completa la capacitación requerida. La mayoría de las veces, los resultados de este tiempo de preparación se reducen a la mitad.