CINPAA | INTERNATIONAL COOPERATIVE FOR TRAINING & CONSULTING

سينبا | التعاونية الدولية للتدريب والاستشارات



Training programme:

Industrial Engineering & Management

Delivered in several cities and dates

OUR INTERNATIONAL PARTNERS:

ISDE Law Business School High Performance Education
Higher Institute of Law and Business (ISDE)

Professional Development Institute
Professional Development Institute

Universidad Camilo José Cela
Camilo José Cela University

SEK EDUCATION GROUP

ISO 29993:2017 Learning services for non-formal education and training

ISO 9001:2015

Industrial Engineering & Management

About the programme:

Course Content: Day 1: Production Management Production planning Sales planning Master Scheduling terminology Development of manufacturing and control systems Improve planning performance Day 2: Operation Management Processes Operations management Operations processing Relationship between operations management and strategic planning Operations improvement techniques Organisational challenges Day3: Environmental Issues in Manufacturing Environmental issues in manufacturing The factors that influence environmental issues in manufacturing The importance of organisational infrastructure

Objectives:

Developing participants' skills, knowledge, values and professional approaches in:

a. Map a production or service process to locate constraints.

b. Compare work methods using time, flow and resource data.

c. Assess capacity requirements against demand and operating conditions.

d. Use quality and productivity measures to evaluate process performance.

e. Develop an improvement proposal balancing efficiency, safety and resource use.

Target audience:

a. Industrial and production engineers.

b. Operations managers and manufacturing supervisors.

c. Process improvement and quality specialists.

Daily programme:

• Day 1: Production planning and control

a. Production planning and its link to sales planning and demand forecasts

b. Development of manufacturing planning and control systems

c. Master scheduling terminology and its role in production management

d. Measures to improve planning performance and schedule adherence

e. Case study: diagnosing poor schedule adherence in a production plant

f. Day output: production planning improvement list

• Day 2: Operations processes and process improvement

a. Mapping a production or service process to locate constraints and bottlenecks

b. The relationship between operations management and strategic planning

c. Comparing work methods using time, flow and resource data

d. Operations improvement techniques: waste reduction, standard work and flow

e. Workshop: mapping a process and comparing two work methods using time and flow data

f. Day output: current-state process map with the identified constraint

• Day 3: Master scheduling and capacity

a. Principles and scope of master scheduling techniques

b. Forecasting demand and assessing capacity requirements against it

c. Organising and prioritising orders when capacity is constrained

d. Monitoring and controlling the master schedule as conditions change

e. Workshop: building a master schedule and checking it against available capacity

f. Day output: master schedule with capacity check

• Day 4: Quality, productivity and environmental issues in manufacturing

a. Quality and productivity measures for evaluating process performance

b. Environmental issues in manufacturing and the factors that drive them

c. Organisational infrastructure required to manage environmental performance

d. Balancing efficiency, safety and resource use in process decisions

e. Case study: evaluating productivity and environmental performance data from a plant

f. Day output: process performance scorecard

• Day 5: Logistics and supply chain practice

a. Strategic and operational planning in logistics and the supply chain

b. Working relationships with suppliers and effective negotiating skills

c. Logistical requirements of a supply chain and optimising the use of logistics

d. Sustainability considerations in supply chain and logistics decisions

e. Workshop: developing an improvement proposal for a production and supply process

f. Day output: improvement proposal balancing efficiency, safety and resources

Training methods and certificates:

Our programmes are built on modern pedagogy that combines theoretical knowledge with practical application, in line with participants' needs and the demands of the workplace. Methods include:

· **Interactive workshops:** analysis of real data and group discussions that strengthen practical understanding.

· **Case studies:** examples from international organisations that highlight real successes and challenges.

· **Realistic simulations:** participants train through professional scenarios that mirror real situations requiring decisions and situation management.

· **Advanced tools and technologies:** hands-on practice with up-to-date training software and tools suited to each field.

Certificates:

On successful completion, participants receive a certificate issued by CINPAA, a training institute officially registered in the European Union, Spain and the United Kingdom.

CINPAA - Cooperative International for Training and Consulting

Our programmes are delivered within academic and professional partnerships, cooperation agreements and memoranda of understanding with a number of academic and professional institutions, including:

• Camilo José Cela University - Spain

• ISDE - Law & Business School - International

• Professional Development Institute - United Kingdom

These partnerships aim to exchange expertise, develop training content and raise programme quality in line with international best practice.

Kind regards,

International Programmes Department

"CINPAA" INTERNATIONAL COOPERATIVE FOR TRAINING & CONSULTING

Course details and registration

Course Details | Registration

Programme	**Industrial Engineering & Management**	Course Title
Language	**English**	Course Language
Duration	**5 days**	Duration
Venue	**Several cities and dates – see the table below**	Venue
Financial offer	**Sent separately, according to the number of participants and the delivery conditions.**	Financial Offer

Registration and confirmation:

To register, please use one of the following:

a. Complete the programme request form on our website.

b. Or send an email from your training department.

c. Or a nomination letter from your organisation.

Send your confirmation by:

Email	info@cinpaa.org
WhatsApp	+34 635 867 686

Our team is ready to advise on accommodation and logistics before and during your stay.

Planned programme dates:

City	Dates
Barcelona, Spain	11 - 15 Jan 2027
London, United Kingdom	12 - 16 Apr 2027
Cairo, Egypt	12 - 16 Jul 2027
Madrid, Spain	11 - 15 Oct 2027

The programme can be delivered in other cities and on other dates to suit your organisation, at the length you need. The cities are listed on the last page.

سينبا التعاونية الدولية للتدريب والاستشارات | CINPAA – International Cooperative for Training & Consulting

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Scan to save our contact

Cities where we deliver our programmes:

This programme can be delivered in any of the following cities, and elsewhere on request.

Albania Tirana, Saranda	**Australia** Sydney	**Austria** Vienna, Hallstatt, Salzburg / Zell am See	**Azerbaijan** Baku
Bahrain Manama	**Belgium** Brussels, Bruges	**Bosnia and Herzegovina** Sarajevo	**Canada** Toronto, Montreal
China Hong Kong, Shanghai, Beijing, Guangzhou	**Croatia** Dubrovnik	**Cyprus** Nicosia, Limassol, Larnaca	**Czech Republic** Prague
Egypt Cairo, Sharm El Sheikh, Alexandria, Hurghada	**France** Paris	**Georgia** Tbilisi, Batumi	**Germany** Munich, Berlin, Düsseldorf, Frankfurt
Greece Athens, Rhodes	**Hungary** Budapest	**Indonesia** Bali, Jakarta	**Ireland** Dublin
Italy Rome, Florence, Milan, Venice, Como	**Japan** Tokyo	**Jordan** Amman, Aqaba	**Kuwait** Kuwait City
Malaysia Kuala Lumpur	**Maldives** Maldives	**Mauritius** Mauritius	**Montenegro** Budva, Kotor
Morocco Casablanca, Marrakech, Tangier, Rabat	**Netherlands** Amsterdam	**Oman** Muscat, Salalah	**Philippines** Manila
Poland Krakow, Warsaw	**Portugal** Lisbon, Porto	**Qatar** Doha	**Russia** Moscow
Saudi Arabia Riyadh, Jeddah, Dammam	**Serbia** Belgrade	**Slovenia** Ljubljana	**South Korea** Seoul
Spain Madrid, Barcelona, Valencia, Alicante, Benidorm, Malaga / Marbella, San Sebastian, Granada, Cordoba, Canary Islands, Seville, Bilbao	**Switzerland** Geneva, Luzern, Zurich, Interlaken, Zermatt, Lugano	**Thailand** Bangkok, Phuket	**Tunisia** Tunis
Turkey Istanbul, Antalya, Trabzon, Bursa, Izmir, Bodrum, Antakya (Hatay)	**United Arab Emirates** Dubai, Abu Dhabi	**United Kingdom** London, Edinburgh, Manchester, Birmingham	**United States** Miami, New York, Los Angeles, Washington