

APICS CPIM

Certified in Production and Inventory Management

The CPIM-program is a 1 ½-year qualifying education on 5 modules on each 3 days (BASICS 4 days). Do you want to be MPS-specialist or ERP-super user in your company, CPIM is the right for you. We focus on an interactive education form with exercises and different workshops.

CPIM is a unique education which gives an integrated concept for the teamwork in all levels and aspects in a stock and production management system. In a structured progress we establish the connection from the company's main plan and forecast down to the shop floor control and job control.

Course structure

The education is divided in modules with a logic order and takes 1 ½ year. The BASICS module, which is the first module, is 2x2 days. The other 4 modules is 1x1 day and 1x2 days. The class is divided in groups on 3-5 persons by effektivitet.dk at the beginning of the education.

Form

The syllabus is reviewed on the days of education with focus on the difficult stuff. We also work with assignments, cases and e.g. games when there is time. The education is lead by international teachers. Teaching and materials, on a professional high level, will be in English.

We emphasize that the education is a self study where it is required and expected that the student read and prepaied the assigned syllabus before a day with education.

Exam

effektivitet.dk conducts the coordination and registration to the exam. The exam is arranged and carried thorough by an in depended international organization in Copenhagen. The exam is a multiple choice test in English.

Location

Course will be held in the Copenhagen area.

Course leaders

The MPR education is lead by Wout Verwoerd, CFPIM, CIRM and CSCP.

The DSP education is lead by Luc Chalmet, CSCP, CPIM and CFPIM.

The ECO education is lead by John Bicheno CFPIM.

The SMR education is lead by Mikael Thulin, CFPIM and CIRM.

Dates and prices

For dates and prices see www.aktivitet.dk under courses (Kurser).

The price includes compendium, books, exam, food and a membership of effektivitet.dk in the period of the education.

The price does not include travel and hotel expenses.

Registration

Registration on www.aktivitet.dk under courses (Kurser) or contact the secretariat.

Further informaton

You are welcome to contact the secretariat on +45 7022 0004 or on info@aktivitet.dk.

Purpose and content in the modules

Purpose of Basics of Supply Chain Management (BASICS)

To achieve a good SCM platform and to learn a global recognized language for logistics and production, to be able to communicate precisely and work determent with production and logistic in your company.

Content for Basics of Supply Chain Management (BASICS)

BASICS is the first module in CPIM, and describes the fundamental definitions and business concepts for controlling materials through a supply chain, including the most essential SCM activities from supplier to customer. Different production systems (ERP, JIT, TQM, TOC) are described including demand management and forecasting. Design of products/services and information systems are also described. Finally we describe the topics: Planning, purchase, inventory management and distribution. As part of the module we play an interactive production game.

Purpose of Master Planning of Resources (MPR)

To understand the main planning of resources including sales planning and forecasting.

Content for Master Planning of Resources (MPR)

The module describes all aspects of main planning, including the processes to develop supply chain and sales plan as well as forecasting, identification of internal and external needs. Further on we describe the important process of turning the forecast and customer needs in to a concrete and valid production plan, which agrees with the company's politics and goals. Considerations about placing and controlling the stocks in the distribution system. The "available to promise"- principal is also described. Finally we describe the topic about measuring the efficiency of the processes, customer service and obtaining data.

Purpose of Detailed Scheduling and Planning (DSP)

To get a better advantage of planning and a more profound insight in the reading of MRP, CRP and the matching master data.

Content for Detailed Scheduling and Planning (DSP)

This module profoundly describes the processes in planning and controlling of materials and capacity as well as the fundamental understanding of stocks and a professional inventory management. The logic and techniques in MRP and CRP is also described with a detailed description of how plans are made in different production environments.

Also we go through the prerequisites for a reasonable use of M&CRP i.e. generating and maintenance of master data and the handling of dynamic data as stock data. Finally the process of purchase is described including establishing and implementing of supplier partnerships.

Purpose of Execution and Control of Operations (ECO)

To understand and be able to choose method and techniques for efficient handling of production orders with focus on Lean.

Content for Execution and Control of Operations (ECO)

In this module we focus on the following main topics:

- ◆ Prioritizing and settling production orders in different production environments.
- ◆ Implementation of control marks in the production.
- ◆ Reporting activities and evaluation of the production process.

We also thoroughly describe "I bred forstand" the theme in Lean Manufacturing, where a lot of essential tools are described.

Quality measuring is described both externally with suppliers and internally with own processes.

Purpose of Strategic Management of Resources (SMR)

To get insight in project and change management by implementing new solutions with technology, IT and organization which supports the SCM-strategy.

Content for Strategic Management of Resources (SMR)

In the final module we describe the connection between existing and future processes, also technologies which supports the "production og supply chain" strategies are described. The resources must be adapted to the strategic plan by understanding of the market and the competition in a global perspective. We also look on the choices that regard the operational strategy including production facilities, supply chain, organization, and finally the information technology. The last big subject in this module is the anchor of the essential processes in the production - how they are implemented through project and change management.