



Certification training

Certified in Planning and Inventory Management

CPIM

Preparation for the ASCM CPIM exam

Training for the ASCM CPIM exam: how strategy becomes a sales and operations plan, then a master schedule, material plan, production schedule and inventory, and how performance is measured and improved.

Delivered by Vertex Business, a professional certification training provider.



9 modules

ASCM 2026 curriculum



**From plan
to schedule**



**Demand, supply
and inventory**



**Plan with us
before you enrol**

Program details and enrolment

vertexbusiness.xyz/programs/cpim?lang=en

A shared language for planning production and inventory.



About the training

Planners balance unstable demand, limited capacity and costly inventory every day. CPIM orders these decisions into one chain: from the sales and operations plan to the master schedule, then materials and capacity, then execution.

The exam at a glance

150 questions in a single exam	3.5 hours exam time	9 modules in the 2026 curriculum
---	----------------------------------	---

Per ASCM's 2026 CPIM brochure and module outline, accessed 15 October 2026. The curriculum follows Exam Content Manual (ECM) version 9.0.

What the exam measures



Concepts and terms

Precise definitions as used in the ASCM dictionary and CPIM curriculum.



Calculation and decision

Compute net requirements or safety stock, then choose the right planning decision.

APPLIED ITEMS

How to work through a planning item

01

Find the planning level

S&OP, master schedule or execution?

02

Find the constraint

Demand, capacity, materials or cost?

03

Choose the balance

The decision that serves the customer without excess stock or capacity.

For those who work between demand, production and inventory.



This suits you if you:

- ✓ **Plan production or materials**
And want one logic linking the forecast to the schedule and purchase orders.
- ✓ **Manage or analyze inventory**
And need clear tools for service levels and safety stock.
- ✓ **Work in supply chain or purchasing**
And want to see how your decisions affect the plant and warehouse.
- ✓ **Manage operations**
And need to discuss plans precisely with the planning team.



Roles at this level

Illustrative roles that use this knowledge daily; ASCM does not require a specific job title.

- ✓ **Production planner**
Turns demand into a schedule that fits available capacity.
- ✓ **Materials planner**
Manages bills of material, purchase orders and internal supply.
- ✓ **Inventory analyst**
Tracks turns, shortages and excess and proposes stock levels.
- ✓ **S&OP coordinator**
Brings sales, production and finance plans into one plan.

ELIGIBILITY AND EXAM

Before you book the exam

Application conditions

Check the current conditions on ASCM's official page before booking.

Useful background

Experience in planning, inventory or operations makes the examples and calculations familiar.

The exam

One computer-based exam: 150 questions in three and a half hours.

Eligibility and exam on ASCM's official page [↗](#)

The nine CPIM modules for 2026

ASCM builds the 2026 curriculum on Exam Content Manual (ECM) version 9.0, in nine modules running from strategy to quality and improvement.

CPIM 2026 curriculum

Supply Chains and Strategy

Manufacturing environments

Strategy and performance measures

Risk and sustainability

Sales and Operations Planning

Supply and demand plans

Resource-level capacity

Alignment with the financial plan

Demand

Types and sources of demand

Forecasting methods

Measuring forecast error

Internal Supply

Master production schedule

Material requirements planning

Detailed capacity planning

External Supply and Key Support Functions

Supplier selection and evaluation

Product costing

Engineering changes

Inventory

ABC classification

Safety stock and service level

Lot sizing and ordering methods

Detailed Schedules

Production activity control

Managing bottlenecks

Input/output control

Distribution

Distribution requirements planning

Warehouse and transport networks

Reverse logistics

Quality, Business Investments, and Continuous Improvement

Quality tools

Lean and Six Sigma

Planning systems and data

Source: ASCM's 2026 CPIM module outline and certification brochure. Items under each module are an illustrative summary.

One chain from plan to execution.

Modules follow the planning flow itself, and each level is applied to a numerical example from a plant or warehouse.

01 Strategy and demand

The right manufacturing environment, forecasting and forecast error, and the S&OP plan that balances supply and demand.

Applied example Sales expects growth while the plant already runs at full capacity.

02 Supply and scheduling

The master schedule, exploding the bill of material into net requirements, capacity, and production activity control.

Applied example A rush order enters the schedule and delays three others.

03 Inventory, distribution and improvement

Stock levels and their cost, distribution planning, and quality and continuous-improvement tools.

Applied example A key item is out of stock in one warehouse and in excess in another.

LEARNING OUTCOMES

What you will be able to do

01 Connect planning levels

From S&OP down to the production order.

02 Calculate net requirements

Plus safety stock and lot sizes.

03 Diagnose an unbalanced plan

Across demand, capacity and materials.

04 Use ASCM terminology

Exactly as it appears in exam questions.

Planning is understood through numbers, not definitions alone.



Worked calculations

Solve net-requirement, safety-stock and forecasting problems by hand, then compare your method with the solution.

Shows exactly which step goes wrong.



Terminology map

A list of closely related terms and how they differ, revisited at intervals.

Many questions turn on two similar concepts.

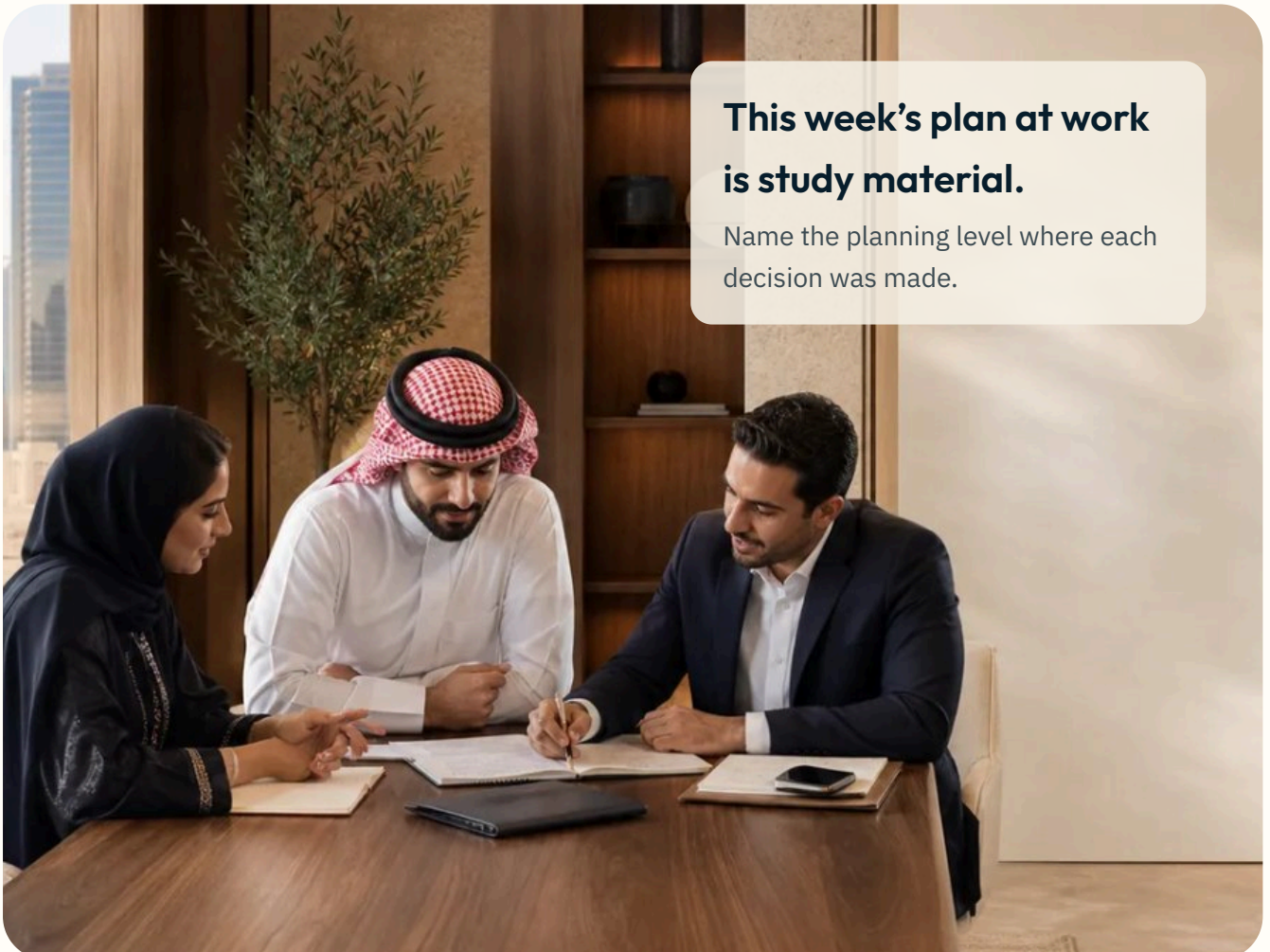


A plan that fits your time

Study format, dates and any accompanying materials are confirmed with the Vertex Business team before enrolment, based on your level and available time.

This week's plan at work is study material.

Name the planning level where each decision was made.





STUDY PLAN

A practical plan from your starting point to exam day.

01 Map the whole flow

From strategy to the production order before the details.

02 Start with demand and S&OP

Forecasting and S&OP underpin everything after them.

03 Master the calculations

Master schedule, net requirements and capacity, with worked problems.

04 Complete inventory and distribution

Service levels, safety stock and distribution planning.

05 Link quality and improvement

Quality tools, Lean and their effect on the plan.

06 Revise by error and pace

150 questions in 210 minutes: about 80 seconds each.

Concept items

Telling apart two close terms in the ASCM curriculum.

Calculation and scenario items

Doing the calculation, then choosing the decision that balances service and cost.

“What impressed me most was the trainer’s care that the information landed and that everyone had a chance to take part... and pointing out what matters most in the material.”

— CPTD learner about the trainer after a session · translated from Arabic · published on the Vertex site

“An excellent session. I learned important things about the certification and benefited a lot... everything was explained so clearly that I had no questions left.”

— SHRM learner after a live session · translated from Arabic · published on the Vertex site

“This achievement would not have been possible without the support, guidance and training I received... which prepared me for the exam.”

— Learner who earned CPTD · translated from Arabic · public post shown on the Vertex site



About Vertex Business

Vertex Business provides professional certification training in talent development, human resources and project management, alongside a professional diploma in medical research and team training for organizations. Training pairs Arabic explanation that keeps the exam’s English terminology with application to real workplace decisions.

[Company details](#)



Booking the exam

Registration, fees and scheduling for the CPIM exam are handled directly with ASCM.

[Official ASCM CPIM page](#)

COMPLETION CERTIFICATE AND PROFESSIONAL CREDENTIAL

Training completion requirements and the Vertex Business completion certificate are confirmed in the enrolment details.

The CPIM professional credential itself is awarded by ASCM under its own requirements, after you pass its assessment.



Discuss your goal and choose how to study.



Scan with your phone camera

YOUR NEXT STEP

- ✓ Training topics and outcomes
- ✓ A level that fits your experience
- ✓ Available study formats and dates
- ✓ Details and price confirmed before enrolment

Open the program page →

01

Open the program page

Scan the code or tap the link.

02

Discuss your goal

Use the WhatsApp button on the program page.

03

Confirm the details

Study format, dates and price before enrolment.

vertexbusiness.xyz/programs/cpim?lang=en