

UTS:SHORT COURSES

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Cost and Operations Management with SAP ERP®

This course focuses on the planning, costing and execution of integrated business processes using the market-leading enterprise software SAP ERP®. Key themes of the course are the potentially high levels of data and process integration, which can be achieved in an ERP system, and the functionality and benefits provided by the Management Accounting component in SAP ERP®.

Participants will manage their own virtual production plant throughout the course, from master data management to planning (overhead cost planning, product costing, sales and operations planning and MRP) and eventually to production/procurement execution and cost variance analysis.

Objectives

On successful completion of this course, students should be able to

- Understand the integration of data and processes in operations management and cost accounting in ERP systems;
- Implement master data for integrated operations and cost management in SAP ERP;
- Develop integrated plans for operations and cost management in SAP ERP;
- Understand the objectives and building blocks of the cost accounting methods supported by SAP ERP;
- Simulate production planning and control procedures and execute production and purchasing plans in SAP ERP;
- Analyse plan and actual costs and cost variances at various levels (incl. cost centres, sales orders, and production orders).

Who Will Benefit

This course is particularly useful for individuals working in the following:

1. Industries:
 - Manufacturing
 - Mining/Materials
 - Retail/Transportation (Logistics)
 - IT or Accounting Services.
2. Occupations:
 - Accounts
 - Operations Managers/ Supply Chain Managers or Assistants
 - IT Professionals (with background in Enterprise Systems)
 - Consultants.

What makes this program unique?

This program combines and integrates accounting and operations management concepts in a unique way, crossing functional silos and addressing the needs of process-oriented organisations (SAP ERP users).

Understanding how planning data is reconciled with actual data from business processes will be a key highlight for participants.

SAP ERP-related functionality has been structured to encourage effective and efficient learning by:

- Communicating through an ongoing 'story-line' (integrated case study). This approach creates a strong incentive for participants to monitor their plant/ environment throughout the course to achieve the desired results
- Using an ongoing case study to provide participants with insight into multiple aspects of integration, including:
 - o the integration of functional data along actual business processes
 - o the integration of business sub-plans
 - o the integration of plan and actual data, and
 - o the integration of cost accounting information with business operations.

Course Details

Program Duration:
6 sessions

2012 Program Dates:

Times:
Thur 5:30pm- 9:00pm
Fri+Sat 9:30am-6:00pm

Price: \$3,200
10% discount for UTS alumni, staff and students

Presenter:
Dr Bernhard Wieder

Location:
Haymarket Campus

Max. Enrolments: 28

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Cost and Operations Management with SAP ERP®

PROGRAM

Day One

Cost Management with SAP ERP - Concepts, Master Data and Planning

- Overview co-functionality & tasks
- Background: Cost accounting concepts, approaches, and systems
- Integration and cost/revenue flows
- Building blocks/master data in overhead management
- Primary and secondary overhead cost planning.

Day Two

Operations Management with SAP ERP- Concepts, Master Data and Integration with Cost Management

- Overview of key logistics processes and modules
- Data and process integration
- Organisational structures
- Building blocks/master data in production and material management (material master, bill of material, work centres, capacity management, and routings).

Day Three

Sales and Operations Planning, MRP and Sales Order Management

- Deriving sales projections and primary requirements, demand management and strategies
- Material requirements planning
- Processes in sales: sales order management, price differentiation, credit management, accounting integration
- Sales order costing
- Deliveries, inventory management, and production plan integration
- Billing/ Invoicing.

Day Four

Supply Management

- Mater data in external procurement
- Processes in purchasing
- Raw material inventory management
- Inventory costing approaches
- Invoice verification and automatic payment.

Day Five

Production, Execution and Cost Control

- Planning and releasing production orders and order cost planning
- Production order execution and progress confirmation
- Managing actual costs
- Production order cost variance analysis
- Actual/plan reconciliation in logistics
- Course review.

About the Presenter

Dr Bernhard Wieder *BBus, MBus, PhD (WU Vienna)*

Dr Bernhard Wieder is an Associate Professor Business Information Systems Programs and SAP-University Alliance Manager at UTS. Over the past six years, Bernhard developed and implemented a top-rated postgraduate curriculum and research program in integrated business information systems at UTS. He has taught advanced postgraduate courses (MBA, MBus, and ExecMBA) in accounting, operations management and information systems at Universities in Australia, Singapore and Austria.

Bernhard specialises in management accounting concepts, operations management and enterprise-wide systems, particularly in relation with SAP solutions. Bernhard has more than 15 years SAP experience and has worked with industry partners and government agencies in Europe, Australia and North America.

Further Information

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