

The Oliver Wight Public Course Portfolio

Integrated Supply Chain Management Course

Detailed Description

Achieving Class A Supply Chain Performance



Integrated Supply Chain Management Course

What is this course about?

Many companies suffer from a missing ingredient; the lack of a single, coherent set of day-to-day tasks that pulls the whole enterprise together. The Oliver Wight approach to supply chain integration with Supply Chain Management (SCM) and Continuous Improvement helps you to learn, and then implement, the necessary controls to meet your company's goals. This foundation course will provide you with the basis for integrating all functions and processes of your business with the goal being enhanced speed to market and cost reductions in your supply chain.

Who is it for?

People from all areas of the business will be involved in your ISCM implementation. It is essential that managers have the knowledge necessary for effective leadership and direction.

This course is designed for operating leaders from all the functional departments within a manufacturing company.



“ Great course, engaging presentation, approachable and knowledgeable teachers! ”

course participant



Steve Souza, Lead Instructor

This course includes

This three-day course includes the elements of supply chain management and the integration of all planning and control processes. Topics include Integrated Business Planning (Advanced S&OP), Demand Management, including Customer-Driven Value Chain Collaborative Planning, Forecasting and Replenishment (CPFR), Master Scheduling, Distribution Resource Planning, Material Requirements Planning, Plant Scheduling, Capacity Planning, Supplier Scheduling, Data Accuracy, and the Lean Enterprise and its impact on all of the above. Discussions include the elements for change management such as performing a diagnostic to determine your greatest opportunities, developing a vision to guide the initiative, and developing a milestone to define a specific area of improvement.

Objectives and benefits

You will learn:

- The three elements of business excellence and how to avoid the costly trap of technological myopia
- How to establish the appropriate levels of integration with all your supply chain partners
- How to tie senior management into the planning process while giving them control of the business
- How to effectively balance supply and demand meeting your customers' needs with greater responsiveness and flexibility while increasing productivity
- How to create and maintain attainable and stable production schedules
- How to develop an integrated business management process that strategically applies Lean/Six Sigma improvements where they will be most beneficial
- How to simultaneously improve planning and control while streamlining and removing waste
- How to develop a process where your people willingly and enthusiastically change the way they do their jobs
- How to deploy our “Proven Path” change management process that virtually guarantees your success

Other public courses available from Oliver Wight

Integrated Business Planning (Advanced S&OP)

Demand Management

Master Scheduling

Please scan QR
code to book online.



Integrated Supply Chain Management Course

Achieving Class “A” Business Results

Course Content - day one

Overview

- Importance of Knowing your Opportunities For Improvement
- Supply Chain Description
- Priority - Getting Your Own House in Order
- Integrating the Business - Maturity
- Principal Objective of Integration
- Integrated Process Model
- Planning and Scheduling Processes
- The Maturity Journey - Transitions on the journey through Phases 1 and 2

Business Strategy and Integrated Business

Planning (Advanced S&OP)

- Case Study
- Path to Business Excellence
- Strategic Planning
- Business Plan Purpose
- Planning Horizons
- Integrated Business Planning – Definition
- Attributes of “Aggregate” Planning
- Strategic Deployment and Alignment
- Expectations
- Make-to-Stock
- Sales & Operations Planning Workshop
- Supply/Demand Synchronization
- Gap Identification and Action Planning
- Finance’s focus
- Management Business Review (MBR)
- Typical MBR Deck
- Critical Class A Behaviors
- Integrated Business Planning Process Deliverables
- The Maturity Journey - Integrated Business Planning

Rough-Cut Capacity Planning

- Gaining “Realism”
- Capacity Terminology
- Steps to Enable RCCP
- Resource Profiles
- Balancing Demands/Capabilities
- Resource Profile - Master Schedule Level
- “Watch-outs” and Deliverables

Course Content - day two

Demand Management

- Forecasting Workshop
- Demand and Demand Management Best Practices
- Characteristics of an Effective Demand Planning Process
- Need for Multiple Views
- Defining Assumptions
- Information Flow and Communications
- Examples of Planning Approaches
- Demand Planning Workshop
- High-Level CPFR® Overview
- Role of the Demand Manager

Integrated Supply Plans

- Multi-Level Planning
- DRP Linkage - DC’s/Factory
- Distribution Resource Planning
- The Logistics Revolution
- The Maturity Journey Managing the Supply Chain - Distribution
- Goals to Master Scheduling
- MPS Objective - Balancing Demand and Supply
- Tensions and Strategy
- Master Scheduling
- Critical Success Factor: Valid and Realistic MPS
- Master Schedule Matrix, Features, Example
- “Decoupling” Independent Demand
- Planning Time Fence
- MPS Change Management Process
- Guidelines for Changing Supply
- Time Fences/Decision Points
- Available-to-Promise Process
- Choosing a Manufacturing Strategy
- Using MPS to Better Manage InterPlant demands
- Correcting an Overloaded MPS
- Master Schedule Workshop
- Master Scheduling Role

Material Requirements Planning

- Material Planning Objectives
- Typical Material Planning Information
- Bill of Material Example
- Netting Process
- Rescheduling Process
- Requirement Explosion
- Order Release
- Material Planning Responsibility
- Bottom-Up Re-planning Process
- Primary MRP Action/Exception Messages

“ I like that it went step by step through the processes and how-to's. Great examples and visual aids that helped understanding and memory. ”

Course Content - day three

Plant Scheduling

- Selecting the “Right” Scheduling Approach
- Work Flow Examples
- Plant Scheduling
- Detailed Operation Scheduling
- Production Schedule Contents and Use
- Production Scheduling Rules
- Finite Scheduling
- Kanban - Alternative to Scheduling
- Class A Lean Manufacturing
- Kanban Approach
- Repetitive Scheduling
- The Maturity Journey - Supply Execution

Detail Capacity Management

- “Wight’s Funnel”
- MRP and CRP Similarities
- Prerequisite Accurate Routings
- Alternate/Rework Operations
- Uses of Routings
- Routing and Work Center Guidelines
- Calculating Required Capacity
- Capacity Requirements Detail Reports
- Input/Output Control
- Capacity Planning Workshop
- RCCP vs. CRP

Supplier Scheduling/Business to Business Operating

Agreements

- Financial Opportunity
- Buyer’s Work Process
- Supplier Agreement Checklist
- The Supplier Schedule
- Supplier Scheduler Work Process
- Business-to-Business Operating Agreements
- Supplier Role in BBOA
- Prerequisites of Supplier Scheduling
- The Maturity Journey - Supply Planning

Data Accuracy Implementation

- Bills of Material for Planning
- Bill of Material Audits and Accuracy
- Routings for Planning and Accuracy
- Purpose of BOM and Routing Measurement Program
- Inventory: Critical Data Elements
- Inventory Record Accuracy
- Steps for Successful Inventory Accuracy
- Tolerances
- Cycle Counting Methods
- The Maturity Journey - Data Management

Implementation

- Breakout Session - Primary Obstacles
- Assessing Business Excellence
- Principal Objective of Integration
- The Oliver Wight Proven Path
- The Oliver Wight Journey to Class A
- Capable Planning and Control Characteristics
- Capable Planning and Control Milestone
- Organization for Change
- Steering Team - Role
- Integration (Project) Team Members
- Process Design (Sub) Teams
- Business Process Redesign - Inputs and Outputs
- Managing Change
- Barriers to Change
- Education Program Focus
- Primary Education Objectives
- Business Meeting Objectives
- Who Runs the Business Meetings?
- Business Meeting Leaders

Summary

- The Journey to ‘Capable Planning and Control’
- Foundation Characteristics for Operating Effectiveness
- Summary of Key Enablers

About Oliver Wight

Oliver Wight has a 40-year track record of delivering business improvement to some of the world's best-known organizations. We believe that sustainable improvement can only be made through your own people. So unlike other consultancy firms, we transfer our knowledge to you, which means you can achieve performance levels and financial results that last.

At the leading edge of management thinking and practice, our Integrated Business Planning (IBP) model lies at the heart of our clients' journey to outstanding business performance. Oliver Wight originated Sales and Operations Planning in the 1970s, and IBP can most simply be described as advanced S&OP; evolving from its production planning roots over 40

years ago into the fully integrated management and supply chain collaboration process it is today. Integrated Business Planning allows the senior executive to plan and manage the entire organization over a 24-month horizon, aligning tactical and strategic plans each month and allocating critical resources to satisfy customers in the most profitable way.



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