Materials requirement planning, MRP

Chase demand

Monitoring

Cumulative representations

Just in time JIT

Inventory management

Controlling

Inventory analysis and control

Push-work sent forward when finished

ABC analysis (Pearson, 2008)

Pull and push control

Enterprise resource planning ERP

Capacity management strategies

Demand fluctuations

Pull-requests work when required

**Planning and control**

Demand and capacity

MRP

Finished goods

Lean operations

Produce to stock

Part-produce to order

Demand dependent

Loading

Economic order quantity, EOQ

Work in progress

Sequencing

Scheduling

Pipeline inventory

Anticipatory inventory

De-coupling inventory

Raw materials and components

Cycle inventory

Buffer inventory

Planning and control activities

Produce to order