

Developing Workplace Critical Thinking (DWC)

BMSK5001

Week 3



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Trawsnewid Addysg; Trawsnewid Bywydau
Transforming Education; Transforming Lives

Program based on Human Relations Approach

- Just in Time management



What is JIT

- ✓ Producing only what is needed, when it is needed (not early, not late; not less, not more)
- ✓ Achieving high volume production using minimal inventories
- ✓ Philosophy of continuous improvement of productivity
- ✓ JIT's mandate: Elimination of all waste in production effort

Just In Time

A highly coordinated processing system in which goods move through the system, and services are performed, just as they are needed

- Supplies and components are 'pulled' through the system to arrive where they are needed when they are needed (just-in-time)
- A management philosophy of continuous and forced problem solving by attacking the root causes

Ultimate goal JIT

The ultimate goal of JIT is a balanced system.
(Achieves a smooth, rapid flow of materials through the system)

The supporting goals are:

- Eliminate disruptions
- Make the system flexible
- Eliminate waste, especially excess inventory

Philosophy

- ✓ Continuous improvement
- ✓ Requires total employee involvement
- ✓ Essence of JIT is willingness of workers to
 - ✓ Spot quality problems
 - ✓ Halt production when necessary
 - ✓ Generate ideas for improvement
 - ✓ Analyze problems
 - ✓ Perform different functions

Philosophy

- Waste is the enemy
- Improvement should be done gradually and continuously
- Everyone should be involved
- Built on a cheap strategy
- Can be applied anywhere

Philosophy

- Supported by a visual system
- Focuses attention where value is created
- Process oriented
- Stresses main effort of improvement should come from new thinking and work style
- The essence of organizational learning is to learn while doing