



SCME

Getting More Bang From Your Workshop Buck: Identifying and Eliminating Waste in a Workshop Experience

“4, 5, 7, 1, 0”

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4 Rules

The logo for SCME (Supply Chain Management Education), featuring the letters 'SCME' in white on a red, gear-like shape with a yellow-to-orange gradient.

SCME

- Structure every activity!
- Clearly connect every customer/supplier
- Specify and Simplify every flow
- Improve through experimentation at the lowest level possible towards the ideal state.

5 Principles



SCME

- Understanding current reality requires deep observation!
- Everyone systematically eliminates waste!
- Establish high agreement of both “what” and “how”!
- Systematically complete problem solving activities!
- Create a learning organization!



7 (8) Wastes



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“Student Learning Time is Production!”

Waiting	For instruction, equipment, trainer/teacher, process to take place (“watch grass grow”).
Over Production	Duplicate Teaching, having to teach a skill an “unplanned time”. One instructor waiting on another who is “more expert”.
Over Processing	Does the student need to know the skill under consideration?
Product/Process Defects	Defects invariably induce waiting time! Student mistakes due to poor/non-standardized instruction.
Motion	Effective work stations.
Inventory	Enough materials for a right sized class/lab.
Transportation	Materials central to class/lab.
Wasted Human Potential	



1 Primary Tool



SCME

No. _____

JOB INSTRUCTION BREAKDOWN SHEET

Operation: _____

Parts: _____

Tools & Materials: _____

IMPORTANT STEPS	KEY POINTS	REASONS
A logical segment of the operation when something happens to advance the work.	Anything in a step that might: <ol style="list-style-type: none">1. Make or break the job2. Injure the worker3. Make the work easier to do, i.e. "knack", "trick", special timing, bit of special information4. Any desired behavioral characteristics	Reasons for the key points

Adapted from Graupp, P. & Wrona, R. (2006) *The TWI Workbook: Essential Skills for Supervisors*. New York, NY. Productivity Press.



0 Reasons Not to Adopt!



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- Questions?
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