

LIS-4708

IT Management and Human Resources
(and other stuff, but that actually matters)

Read books about economics and philosophy
and sociology and religion and psychology
and history.

And then only the most really popular old
books about management.

And then, if you have time, seek out the best
of the new stuff.

The state of technology and the workforce

Elon Musk's Submarine.

Serious Question

How is "building a building" different from "building software?"

(both theoretically and practically?)

Economics

The study of how to satisfy unlimited **wants** with limited resources.

Wait...scarcity?

Good Ol' Adam Smith Capitalism

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- Supply / Demand
- Easy access to resources
- Ease of starting and shutting down firms
- (real) Competition
- “Invisible” Hand
- Economies of Scale?

Traditional Management

- Triple Constraint
- Clear Goals
- Traditional Inputs and Outputs of Economics
(fixed v. variable costs)

So, what, if anything has
changed?

Scarcity?

BS Jobs?

IT Management

- Ditchdigging:
If 1 person can dig 1 ditch in 1 day--

Then 2 people can dig 2 in a 1 day

8 people can dig 1 in an hour.

But what about websites or apps?

“The Mythical Man Month”

In IT (and frequently, other projects)

Increasing workers increases complexity, and may actually INCREASE completion time.

(related, website by committee)

The New IT Management!

Waterfall

Agile

Scrum

Six Sigma

Kanban

...because why

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Serious Question

Be deeply skeptical of "this is how we do things."

Be deeply skeptical of "this is WHY we do things."