

# Active Learning

What do you think is your role as a teacher? What is the purpose of teaching?

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# Active Learning

Constructivism: people learn by constructing knowledge from their own activities

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3 types of teachers:

- ▶ Level 1: focus on what the student is
- ▶ Level 2: focus on what the teacher does
- ▶ Level 3: focus on what the student does

# Active Learning

EC1003 mid-semester questionnaire week 6, response rate 65/250

- ▶ Are you learning? 93.85% yes
- ▶ Live problem-solving in lectures is useful: 93.85% yes
- ▶ What are the most useful aspects of this module? live problems in lectures

# Active Learning

Biggs and Tang (ch 9, pp. 177):

*“Parents don’t lecture a toddler on shoe tying, and give a multiple-choice test at the end to see if their child ties her shoes better than the kid next door. ... Outcomes-based teaching and learning is placing this approach back into the institution. The logic is stunningly obvious: Say what you want students to be able to do, teach them to do it and then see if they can, in fact, do it. There is a corollary: if they cannot do it, try again until they can. This principle is used in ‘mastery learning’ (Bloom et al. 1971) and the Keller Plan, a mastery model for universities (Keller 1968).”*

# Feedback

How can we improve feedback?

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How can we improve feedback?

- ▶ Timing



# Feedback

How can we improve feedback?

- ▶ Timing
- ▶ Marks

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How can we improve feedback?

- ▶ Timing
- ▶ Marks
- ▶ Assessment literacy

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How can we improve feedback?

- ▶ Timing
- ▶ Marks
- ▶ Assessment literacy
- ▶ Fear of failure

# Feedback

How can we improve feedback?

- ▶ Timing
- ▶ Marks
- ▶ Assessment literacy
- ▶ Fear of failure
- ▶ assignment sequence design