

## DOING THINKING

### Agenda Week 4, 1st class: Monday, October 18

#### *Assignments due this class*

- Read *The Mind at Work: Valuing the Intelligence of the American Worker* -“Two Lives: A Welder and a Foreman”
- Do summary notes and select a passage for Monday’s seminar

#### *Agenda overview*

- Meeting schedule
- Integrative project guidelines (Monday, October 25<sup>th</sup>)

#### *On “intelligence,” “working on the hard parts” and self-theories about intelligence*

Guiding question: What do we know about how people learn "something" well?

In the Introduction to *Mind at Work*, Mike Rose defines what he means by cognition and intelligence (see pp. xxiii). He writes, “Cognition refers to those mental processes involving perception, attention, memory, knowing, judging.

...Cognition is...intimately tied to motives and values, to long-range as well as immediate goals, and of one’s life history. As a friend of mine put it, we’re not just a brain in a bottle. **We think in a material and social world.**” He goes on to note that intelligence is a much more specific term than cognition. He begins his discussion of intelligence with reference to a widely-accepted Western definition of intelligence: “**the ability to learn and act on the environment**, to apply knowledge to new situations, to reason, plan, and solve problems.”

- Research on self-theories of intelligence and approaches to learning
- How self-theories develop ...and why we need to critique them

#### *One-hour workshops (7:00 to 8:00 pm)*

Group A: Working wood: Japanese saw horse *Sem II E1107*

Group B: Crafting ideas: Integrating experience with analysis *Sem II E2109*

- Check-in chapters 2,3 and 5
- Selective examples from “A Vocabulary of Carpentry”
- Examining the moves “up close”
- Seminar: “A Welder and a Foreman”

BREAK (around 8:00 pm for 15 minutes)

#### *One-hour workshops (8:15 to 9:15 pm)*

Group A: Crafting ideas: Crawford’s argument *Sem II E2109*

Group B: Working wood: Japanese saw horse *Sem II E1107*

#### *Quiet writing*

#### *Assignments for next class*

#### *Adjourn*

#### *Assignments for next class (Wednesday, October 20)*

- Read *The Mind at Work: Valuing the Intelligence of the American Worker*, “Rethinking Hand and Brain”
- Do summary notes and select a passage for Wednesday’s seminar