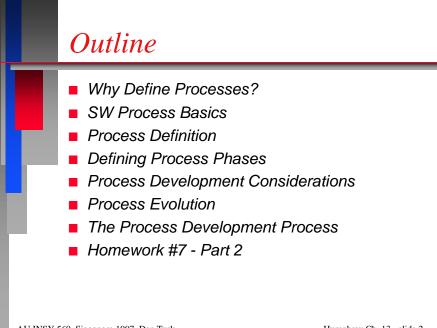
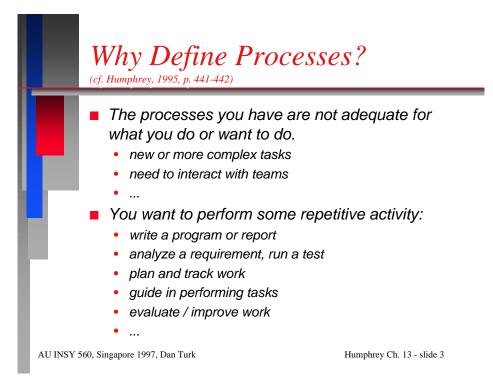


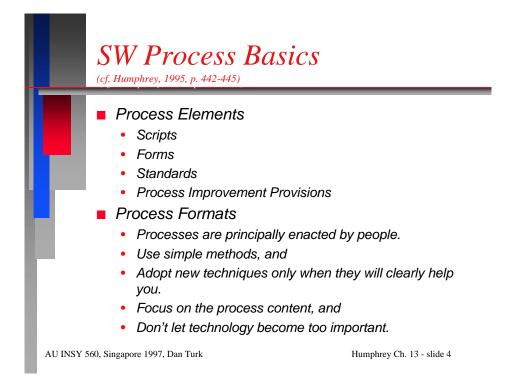
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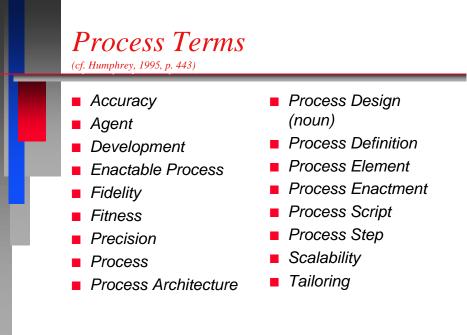
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Humphrey Ch. 13 - slide 5

"Information Mapping" (cf. Humphrey, 1995, p. 445)

Principles of Information Mapping Robert Horn, Information Mapping, Inc.	
Chunking	Group information into manageable chunks.
Relevance	• Place "like things" together.
	• Exclude unrelated items from each chunk.
Labeling	Provide the reader with a label for each chunk of information.
Consistency	Use consistent:
	• terms within each chunk of information,
	• terms in the chunk and label,
	• organization, and
	formats.
Integrated	Use tables, illustrations, and diagrams as an integral part of the
Graphics	writing.
Accessible	Write at the level of detail that will make the document usable for all
Detail	readers.
Hierarchy of	• Group small chunks around a single relevant topic.
Chunking &	Provide the group with a label.
Labeling	

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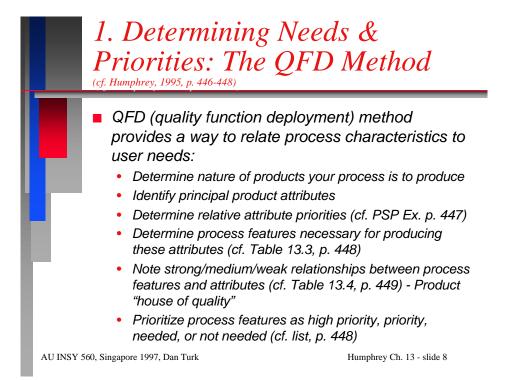
Activities in Process Definition (cf. Humphrey, 1995, p. 446)

Determine your needs and priorities.

- Define the process objectives, goals, and quality criteria.
- Characterize your current process.
- Characterize your target process.
- Establish a process development strategy.
- Define your initial process.
- Validate your initial process.
- Enhance your process.

NOTE: These activities need not be performed in this exact sequence. Just be sure to address them all.

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2. Defining Obj's, Goals, & Quality Criteria (cf. Humphrey, 1995, p. 448-453)

- PSP Process Quality Criteria:
 - Develop quality software
 - Be measurable
 - Be predictable
- Create a process "house of quality" by combining product needs and process priorities (cf. Tables 13.5 & 6, p. 451, 452).
- Combine product and process needs (cf. Table 13.7, p. 453).
- Create objectives (based on prioritized product / process needs), associated goals, and metrics (cf. Table 13.8, p. 454) - GQM.

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3. Characterize Your Current

Process (cf. Humphrey, 1995, p. 450-453)

- "If you don't know where you are, a map won't help."
- Plan multiple incremental improvements from your current process to your target process.
- Answer key questions about your current process:
 - How well do you understand it?
 - Do you have serious problems?
 - Do your steps have explicit entry / exit criteria?
 - Do you have good measurements to base improvements on?
 - Do you have a process baseline?

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