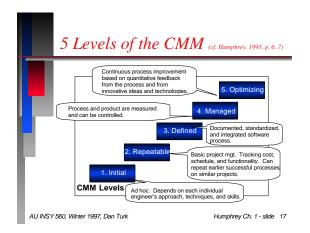
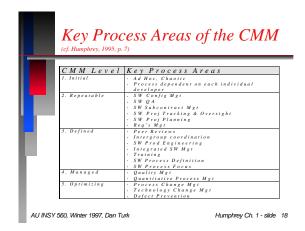


Process Maturity (Humphrey, 1995, p. 6) An organization's software development process maturity indicates the following things about the organization's development process: How well defined it is How repeatable How well managed Whether it is optimizing / improving AU INSY 560, Winter 1997, Dan Turk Humphrey Ch. 1 - slide 14

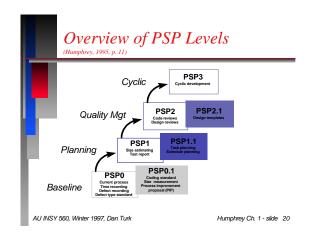


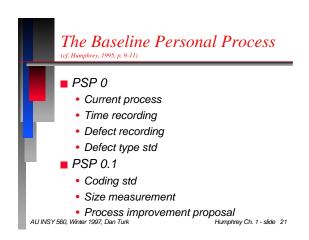


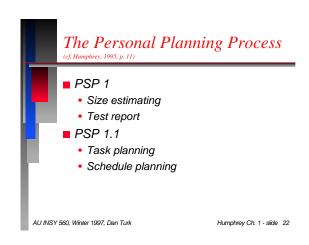




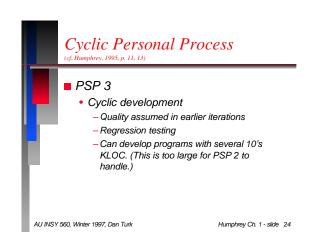




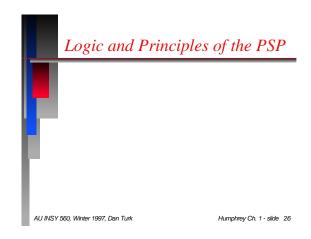




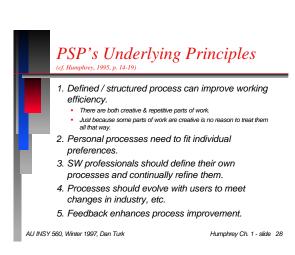




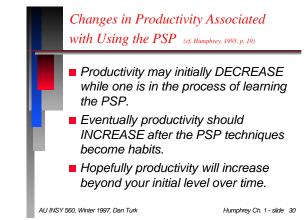


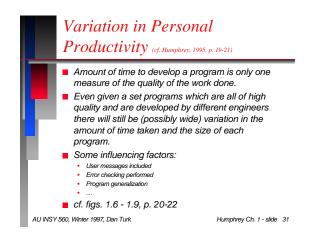


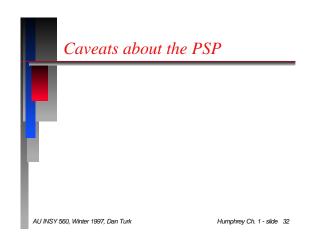
1. SW professionals will better understand what they do if they define, measure, and track their work. 2. They will then have a defined process structure and measurable criteria for evaluating and learning from their own and others' experiences. 3. With this knowledge & experience, they can select those methods and practices which best suit their particular tasks and abilities. 4. By using a customized set of orderly, consistently practiced, and high-quality personal practices, they will be more effective members of their development teams and projects. AU INSY 560, Winter 1997, Dan Turk Humphrey Ch. 1 - slide 27











Caveats (cf. Humphrey, 1995, p. 25) This course / book concentrates on design, code, and test. The PSP may be applied to other aspects of SW development too (req's spec, maint, test planning, etc.) Tools for supporting the PSP are not discussed. Obviously they could be beneficial. But it is best to first learn the process by hand so that you understand and can better customize the process. A combination of defined process, tools, and learning / improvement perspective is better than any one approach alone (i.e. a "systems" perspective). AU INSY 560, Winter 1997, Dan Turk Humphrey Ch. 1 - slide 33