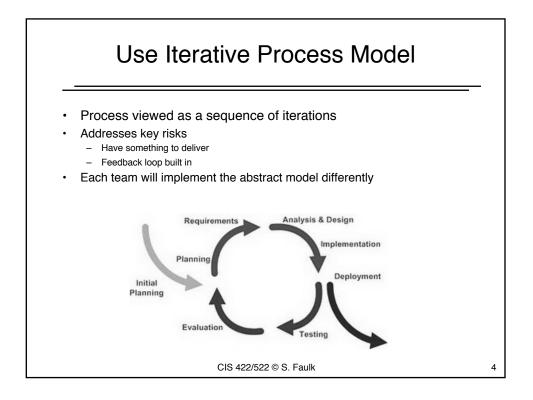


CIS 422/522 © S. Faulk



- Nature of a software project
 - Software development produces a set of interlocking, interdependent work products
 - E.g. Requirements -> Design -> Code -> Test
 - Implies dependencies between tasks
 - Implies dependencies between people
- Must organize the work such that:
 - Every task gets done
 - Tasks get done in the right order
 - Tasks are done by the right people
 - The product has the desired qualities
 - The end product is produced on time

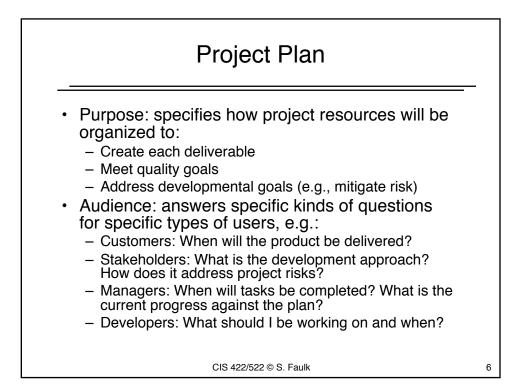
CIS 422/522 © S. Faulk





- Process manifests itself in the project plan
 - Process definition is an abstraction
 - Many possible ways of implementing the same process
- Project plan makes process concrete, it assigns
 - People to roles
 - Artifacts to deliverables and milestones
 - Activities to tasks over time
- Project plan is itself a product of the process
 Activity: project planning
 - Artifact: the Project Plan
 - Roles: Project Manager (owner), team members
- · Evolves as the project proceeds

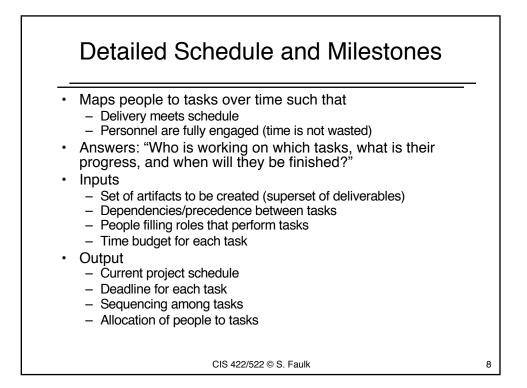
CIS 422/522 © S. Faulk

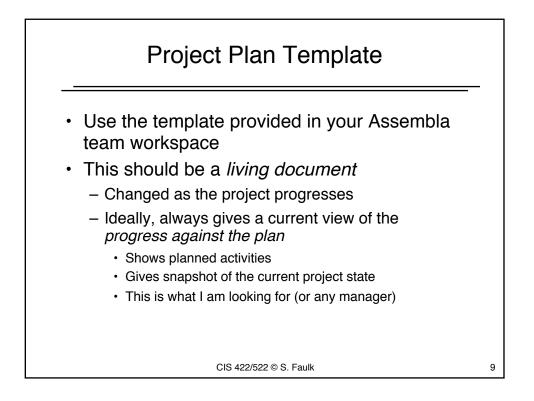


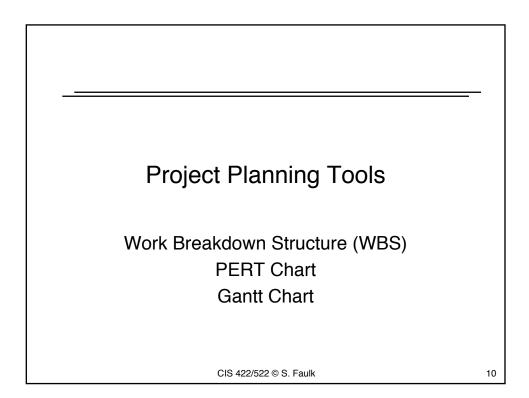
Plan Outline

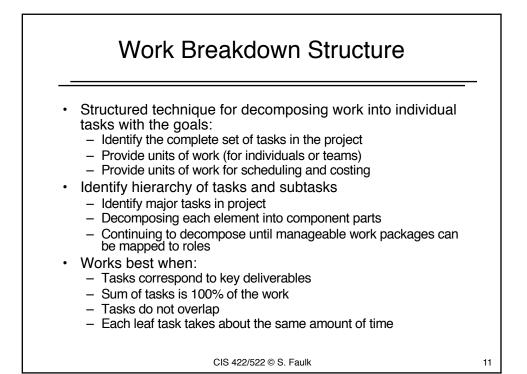
- Plan contents (template)
 - Purpose and audience (who will use the document?)
 - Project background
 - Team roles and responsibilities
 - Risks and risk mitigation
 - What are the key risks? (Team should brainstorm this)
 - Which mitigation strategies will the project deploy
 - Process: development process, how its tailored, rationale
 - Mechanisms, methods, and techniques
 - · What kinds of methods and tools will be used?
 - E.g., planning tools, design methods, IDEs, etc.
 - Detailed schedule and milestones
 - Resources and references

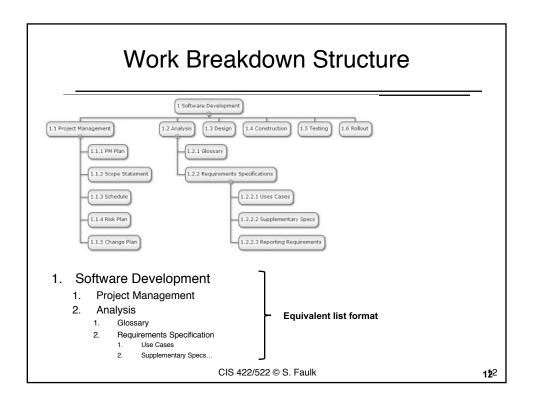
CIS 422/522 © S. Faulk

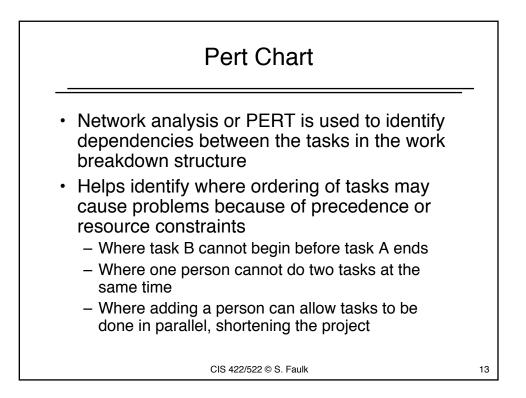


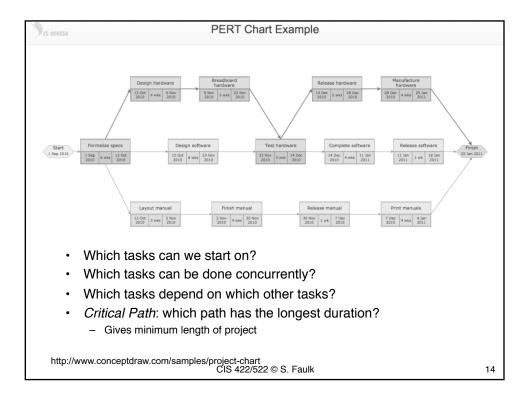


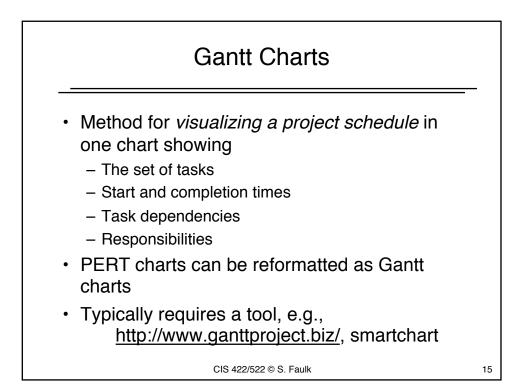


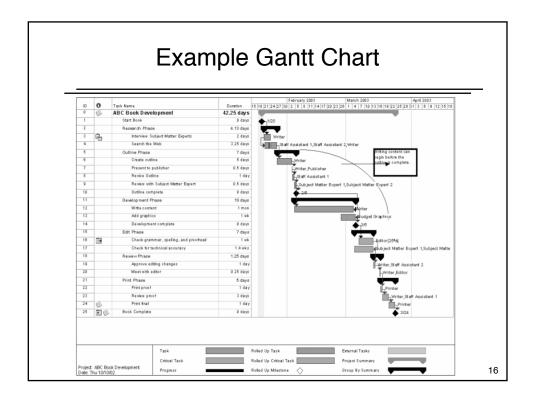


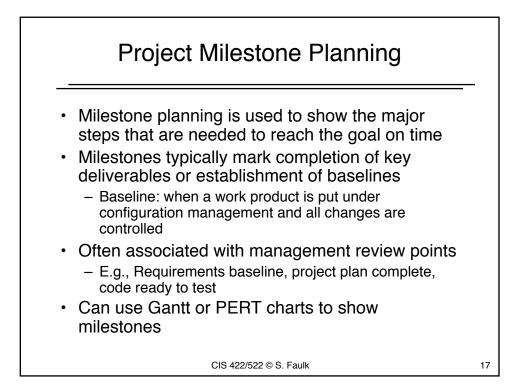




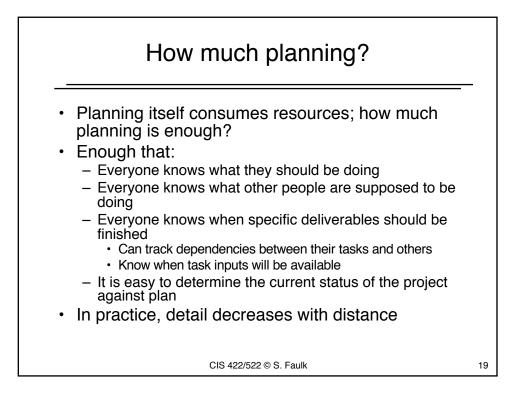


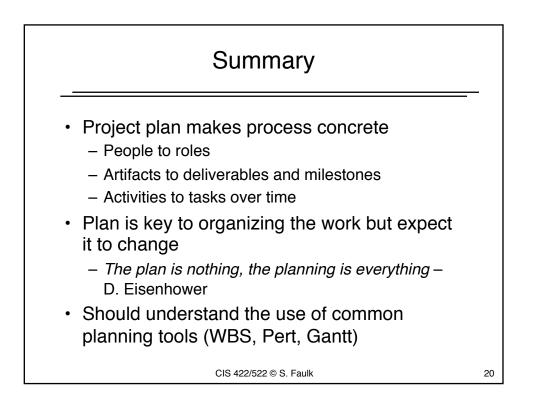


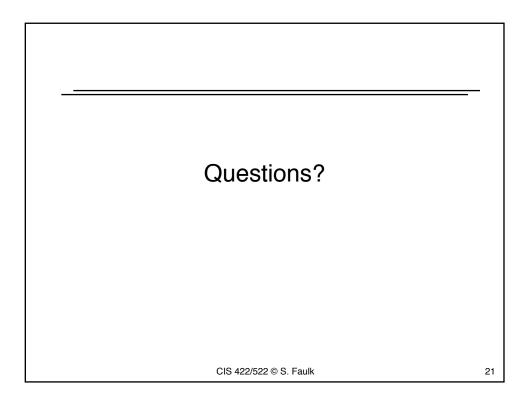


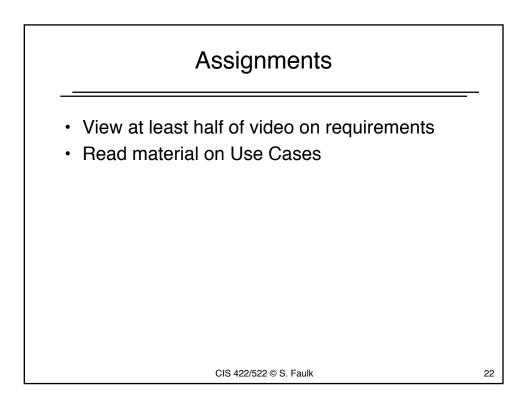


Week 1:								<u> </u>
Date Assigned	Due Date		Task	Person R	Person Responsible			Date Completed
2/3 2/5			Brainstorm project ideas Everyone			Complete		2/5
2/3 2/4			Set up meeting w/ instructor	Heidi		Complete		2/3
2/3 2/6			Decide on project	Everyone		Complete		2/6
/6 2/10			Create Git repository	Heidi	Heidi		ete	2/6
Date Assigned	Due Date	Task			Person Responsible		Status	Date Completed
2/10	2/10	Decid	de on software requirements		Everyone		Complete	2/10
2/10	2/15	Plan	and design 1st iteration		Everyone		Complete	2/13
2/10	2/10	Set u	ip meeting w/ Kathleen Freeman-Hennessy		Heidi		Complete	2/10
2/13	2/15	Write	ConOps		Nicole, Heidi		Complete	3/2
2/13	2/19	Write	project plan	Nic		Nicole, Heidi Complet		2/19
2/13	2/22	Write software requirements			Nicole, Heidi		Completed	3/2
2/15	2/24	Imple	ment 1st iteration		Dex, Hans, Yakun Complet		Complete	2/24











Schedule a short meeting with instructor (~20 min). Will go over progress, plans, any issues

1. What is the plan for delivery?

2. What is the team's current status (progress against plan)?

3. Are you building what the customer wants?

1. How do you know?

2. What sorts of activities are planned to check?

CIS 422/522 © S. Faulk