

CSCI 577a Homework #7 Project Planning and Control, Microsoft Project

30 Points - Due Wed, October 23, 2002 at 2:00 pm in class

Read [Software Engineering Economics Ch. 32](#) (Password will be sent via email)

1. What do you expect the slack time of a critical path activity to be? Explain why.
2. How is Gantt Chart different than a Pert Chart (why would you prefer one over the other)?
3. For each subsection of [Software Engineering Economics Ch. 32](#) give a *non-trivial* example of how one of the main points of that subsection may directly apply to your project or will directly affect you in some way (avoid possible plagiarism and take care not to duplicate other students answers). Organize your answers in a table as indicated in the example below: (Don't copy the example)

Subsection	Reference	Point	Application to project or self
32.1	<i>pp-594 Synergy between..</i>	<i>Using cost estimation tools such as COCOMO to manage and monitor the project</i>	<i>We used COCOMO to estimate our efforts of 40hr/week and accordingly scheduled activities to meet our deadlines.</i>
32.2			
32.3			
32.4			
32.5			
32.6			
32.7			

4. Develop a small project plan of getting a master's degree for YOUR major and specialization (e.g. MSCS Software Engineering) using Microsoft Project: Identify the most important 5-10 high level tasks for the activity network, logically link the tasks together allocate responsible parties as resources for the tasks (i.e. students, secretary, ISD, etc.) Turn in the printouts. An example of some of the tasks, effort allocations, and responsible parties for this might be: (Don't copy the example)

Task	Effort	Resource
<i>Satisfy CSCI577a Reqmt</i>	<i>40hr/week</i>	<i>MS Project, Rose, ClearCase, Lecture Notes, MBASE Guidelines</i>