

# CSSE 372 – Software Project Management

## Homework 1

### Objective

For you to start thinking about what it takes to organize tasks into a cohesive schedule. Junior Software Engineers are notoriously optimistic with their estimates, so this provides some preliminary experience doing this key activity of planning.

This exercise is for you to take something that you know (your own classes), list the tasks (assignments) from each class schedule, organize them across the Fall term and show begin dates and end dates on the tasks.

### Due Date

5 p.m., Tuesday, Week 1, September 4<sup>th</sup>, 2012.

### Tasks

1. Go through the syllabi and assignment schedules for each of your classes in this term (Fall 2012). Identify each of the known class sessions, assignments, and the like for each of your classes (from your class schedules provided with course material – if it does not exist for a class, be creative and fabricate something reasonable). It might be advantageous to use a spreadsheet for this exercise to deal with ordering of the tasks.
2. Configure the list of sessions and assignments as ordered tasks based on calendar begin date. If they are compound tasks per assignment, break them up into separate tasks. The abbreviated example table on the following page provides an idea of what I'm looking for.
3. For each task, provide a begin date (date assigned or planned to start) and a done date (date due or planned to be done). Also provide an estimate of the time you think it will take you to complete the task. Note that the ordering is by tasks from different classes will be interleaved.
4. Please examine your schedule and note where the tasks mount up. These may be opportunities to do some load leveling (we will talk about this later).

### Submitting Your Work

Please submit your assignment as a single document to the Angel Homework1 Dropbox on Angel under “../Lessons/Homework Dropboxes/HW1: Preliminary Class Task Schedule”. Please submit a **pdf** file (or Excel spreadsheet file with .xls extension) with a cover page containing your Name, Assignment Title, Date, and PID. Please name the document:

<your last name>*HW1-PreliminaryTaskSchedule.pdf*  
(e.g., *Bohner-HW1-PreliminaryTaskSchedule.pdf*).

### Example Task table

Task #	Task Name	Date Begin	Date Done	Estim. Effort
1	Attend Session 1	8/30	8/30	50m
2	Read Preface & Ch.1 of Text	8/30	8/31	40m
3	Complete Survey	8/30	8/30	10m
4	Attend Session 2	8/31	8/31	50m
5	Read Software Project Failures Website	9/1	9/1	35m
6	Read Charette Paper	9/2	9/2	40m
7	Attend Session 3	9/3	9/3	50m
8	Read Britcherd Paper	9/3	9/4	40m
...	...	...	...	...