
**Office hours:
Thursday's 4:00-5:00
33-332**

M 10/7	Ada/project	3-5	Racine	Updated program plan Test plan
W 10/9	Ada/Project	--	Racine	Problem Set 2
W 10/16	Software Architecture	--	Lundqvist	
M 10/21	Software Architecture	3-5	Lundqvist	All documents updated
W 10/23	Ada/project	3-5	Racine	
M 10/28	MIDTERM	--	Midterm	

General Issues with SDPs

2 Oct. 2002

16-035

What is the Purpose of an SDP?

- **Document the process by which the software will be developed**
 - **SDP needs to be reasonably detailed**
- **Given to new team members to come up to speed**
 - **SDP needs to include where to find things, standards (such as pointers to CM plan), etc.**
- **Process audits show that the process is being used**
 - **SDP needs to be auditable**
 - » **Similar to having testable requirements**
 - » **Can not have vague statements, but should also not overly constrain the project**
 - **For example, suppose bi-weekly meetings are scheduled with the customer. It would be reasonable to include this in the SDP. However, suppose the customer says “I am busy this week, so we will not have this meeting.” An audit would find an error.**

General Comments on All Teams' SDPs

- **Don't be surprised if you are changing the SDP all through the project**
- **Good first drafts – However . . .**
- **What would you do if someone simply left school and did not answer telephone calls?**
 - **Where are that person's notes?**
 - **Where is that person's code?**
- **What would you do if a bug was discovered that you thought had been well tested?**
 - **Can you go back to a previous build?**
 - » **Need version control process**

Software Development

- **How many builds are there going to be?**
 - 1?
 - 5?
 - 1 every day?
- **Strongly suggest Peer Reviews of documents and code**
 - At least 1 other person look over each item
 - Write down each defect
 - Meet and agree to keep or reject each defect (don't fix the problem at this meeting!)
- **What level of testing will there be?**
 - Just SRS-level testing?
 - Unit testing? If not, why not?