

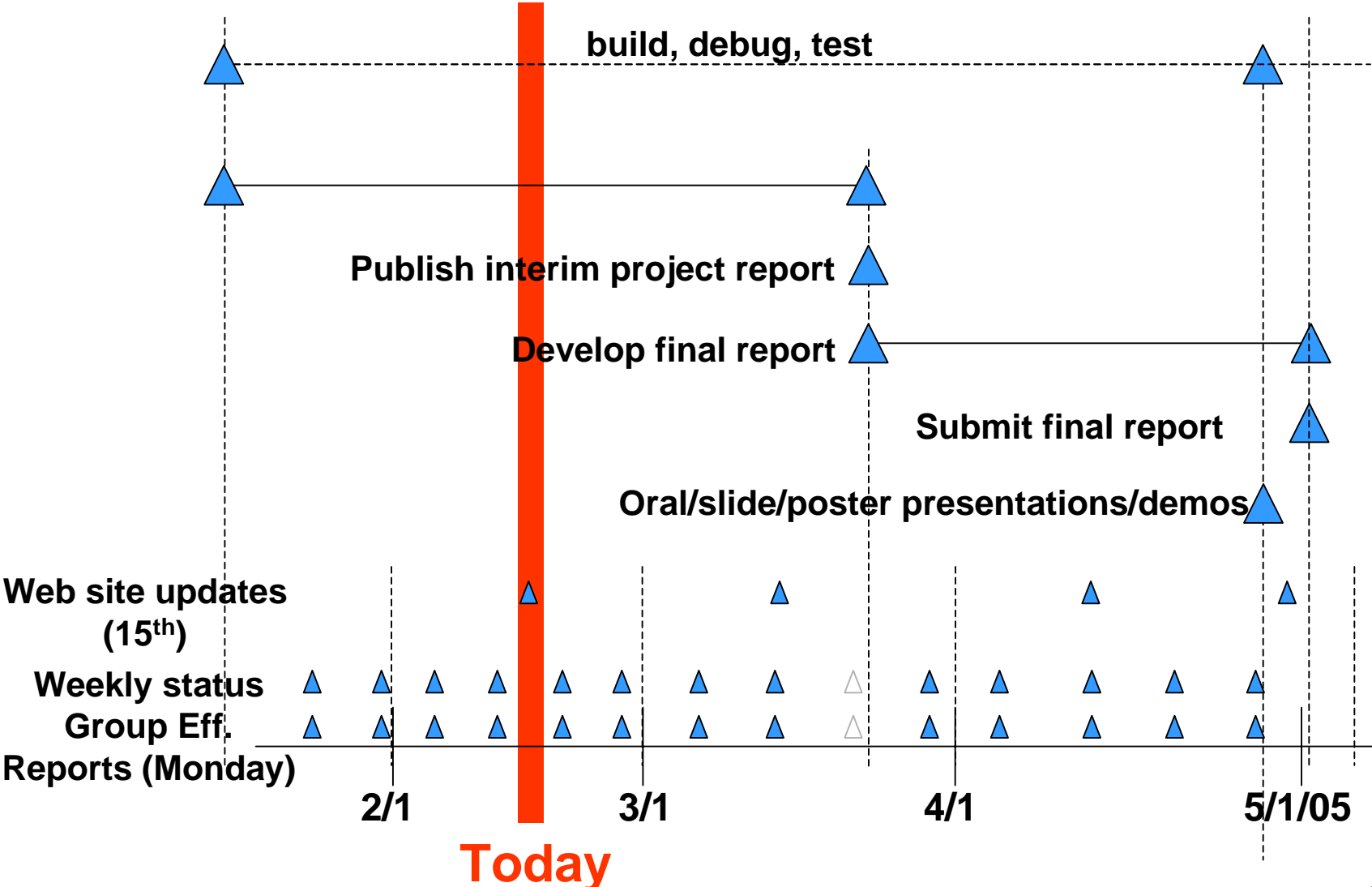
Senior Design - Spring 2005

EE/CpE 424

Outline

- Spring 2005 tasks
- Social Security Numbers
- Web Sites
- Coordination of Design 6, 7 & 8
- Interim report
- Design Day
- Reimbursement
- Other items

Senior Design Tasks – Spring '05



Social Security Numbers

- Unfortunately, Stevens Student ID = Student SSAN
- **DO NOT POST SOCIAL SECURITY NUMBERS ON SENIOR DESIGN WEB SITES** – I had to hide several files from previous years' projects when we discovered SSANs (typically on the cover sheet of a report)
- Do not put your Student ID/Social Security Number on materials submitted for this class – I don't need/want them
- Don't even put a part of SSAN on web or hardcopy materials (e.g., xxx-xx-1234)
- Please let me know if you discover any current or previous year's project with complete or partial SSANs posted

Web Sites

- Web sites are graded on the 15th of February, March, April, and after Final Reports are due (May 3)
- All web sites must be hosted on panda.ece.stevens-tech.edu
- Web sites must contain all weekly status reports, all interim and final reports, presentations, posters, and project brochures
- Web sites should contain background and reference information as well as ideas for follow-on projects
- All materials must be in .pdf or .html format
- Extra credit will be given for extensive useful additional information posted on the web site:
 - External reference links
 - Background information on various aspects of the project
 - Well thought out suggestions for future extensions for the project
- Web sites that look like significant effort went into their creation will be graded appropriately
- Web sites that look like insignificant or minimal effort went into their creation will be graded appropriately

Integration with Design 6

- Would you like to see your Senior Design project continued?
- When you realized what you could actually accomplish, were there features you decided to drop?
- Is there an ongoing activity or competition that your project could be tied to?
- Is there a potential Stevens club that could grow out of the research area your project addresses?
- Is your project part of a bigger set of tasks that could be coupled?
- Design 6 class – Friday 2/18 10 – 12:55 K228

Spring Interim Report

- Due on Tuesday after Spring Break (3/29)
- Format as described for other reports on Senior Design web site
- Report should describe what it is you are actually building, including design tradeoffs and final design choices made.

Design Day

- Requirements were submitted by several groups
- I filled in some details for those who did not submit their requirements
 - 1 power outlet and no network connection
 - Group name as it appears on Senior Design web site
 - Group member names as they appear in Registrar's database
- Everyone will be provided a ~2 ft x ~6 ft table
- ECE Department will provide 2-3 foam core display boards for your posters
- ECE Department has a large format, high quality color printer/plotter in B200 for generating posters

Other items

WANTED

{ Brilliant Feats of Engineering }

\$5,000.00 Reward

5th Annual IEEE Student Design Contest
 Saturday May 7, 2005

Presented by the Student Chapter of the IEEE
 Rochester Institute of Technology • Rochester, New York
 Apply at: <http://ieee.rit.edu/sdc5/>

FIRST PLACE: \$5,000. • SECOND PLACE: \$3,000. • THIRD PLACE: \$1,000.
 PLUS THREE \$500 HONORABLE MENTIONS

CONTACT INFO:
 Matthew Hicks, Chairman—RIT IEEE Student Chapter
 Phone: 513-205-5146 • E-mail ieee@mail.rit.edu

Application Deadline Friday, April 1, 2005 Entry Fee: \$50/team+\$20/person

Event Sponsored By:

RIT FAIRCHILD SEMICONDUCTOR

Details at:
<http://ieee.rit.edu/sdc5>

Year	Teams	Schools	Stevens teams
2001	15	7	0
2002	13	4	2 – one won \$500 as “most marketable”
2003	10	6	0
2004	20	13	0
2005	?	?	?

With N teams, K members of your team, what is expected payoff?

$$E(\text{competition}) = \frac{\sum \text{prizes}}{N \text{ teams}} = \frac{10500}{N}$$

$$\text{Cost}(\text{competition}) = \$50 + \$20 \cdot K$$

Payoff > Cost for $K < 6$, $N < 70$