Grade Info and Some Closing Thoughts

CEN 5035
Software Engineering
Exam 2 Results & Final Grades

- Raw scores and final grades will be posted via E-Learning as soon as possible.
- A copy of the exam + solution notes will be posted on the course website (under “Practice Exams”) as soon as all off-campus student exams have been received.
- A histogram of raw scores will be added to the solution notes when available.
Exam 2 Results & Final Grades

- On-campus students may pick-up their graded exams **by appointment** starting the afternoon of Dec. 17.
- Off-campus students may view a scanned copy of their graded exam at the UF EDGE website (exams will be made available to EDGE for scanning on Dec. 17).
- Grading errors should be brought to my attention ASAP (but no later than Friday, Jan. 11) for appropriate consideration.
- Check the course website for details / updates / other announcements
Summary of Important Course Themes

- **Criticality of RE and Continuous Validation**: viewing stakeholders (e.g., end-users) as *team members instead of hindrances*

- **Avoiding vs. Repairing Defects**: “Trial & error” development vs. *disciplined* development using *appropriate* tools/methods (e.g., incremental development, reviews/inspections, formal methods for safety-critical systems, etc.)

(cont’d)
Summary of Important Course Themes (cont’d)

- **Finding the Right Balance Between Plan-driven and Agile Development:**
  - Is there a need for detailed spec/design before implementation (e.g., due to external regulations, a need for specialized up-front analysis, etc.)?
  - Is incremental delivery/customer feedback realistic?
  - How large and how distributed is the project?
  - What is the expected lifetime of the system and who will be maintaining it?
  - What developer skills are available?
  - Are there cultural/organizational considerations?

(cont’d)
Summary of Important Course Themes (cont’d)

- **Anticipating, Planning, and Managing Post-release Software Evolution:**
  - Understanding the economic impact
  - Effectively managing legacy systems

- **Ethical, Professional Behaviour in SE:**
  - Viewing SE as a professional engineering discipline
  - Recognizing and acknowledging our limitations
  - Not letting politics, etc., interfere with sound engineering practices and judgement (cont’d)
Summary of Important Course Themes (cont’d)

- **Institutionalizing Continuous Process Improvement:**
  - measurement → analysis → change → measurement → analysis → change → ...
  - Describing, standardizing, and controlling the practices used to achieve process goals
Thanks for taking the course…

- Informal feedback/suggestions are welcome and much appreciated!
  - Send me a note
  - Come by to talk

- For information about the spring and summer 2013 offerings of CEN 6070, Software Testing and Verification, see: www.cise.ufl.edu/class/cen6070sp13/syllabus
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