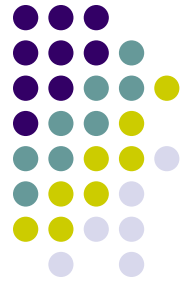




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www.engr.uvic.ca/~seng321/
courses1.csc.uvic.ca/courses/201/spring/seng/321

Announcements



- C4
 - Due Sat, April 2
- Teaching evaluations
 - Open until April 4

Turn in your C4
evaluation form at the
end of class

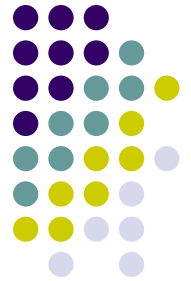
Final Exam

- Sat, April 16
- 19:00-22:00
- ECS 125



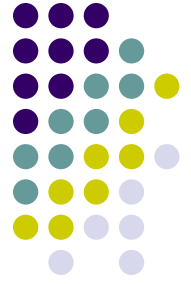
SENG 321 Résumé Entries

- Requirements engineering
 - Requirements process
 - Elicitation, Analysis, Specification, Validation
 - Methods, techniques, and tools
 - Use case modeling techniques
 - Domain analysis and modeling
 - Review techniques
 - Walkthroughs
 - (Formal) inspection and validation
 - Inspection meetings
 - Inspection checklists
 - CRUD (Create, Read, Update, Delete) Matrix



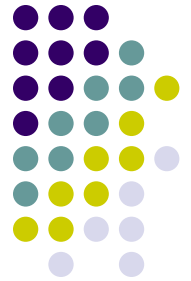
SENG 321 Résumé Entries

- Requirements engineering
 - Methods, techniques, and tools
 - Working with UML
 - UML 2.5 (14 diagrams)
 - Structural and behavioural diagrams
 - Use case, class, interaction, sequence, state, collaboration, activity diagrams (tutorial)
 - Use of UML tools (tutorial)



SENG 321 Résumé Entries

- Software life cycle models
 - Waterfall and Spiral models
- Requirements analyst
 - Interface between customers and developers
 - Requirements specification documentation skills
 - IEEE Std 830-1998 Requirements Standard and Specification Template
 - Documentation skills
 - Visio (tutorial)
 - Project (tutorial)
- Project Cost and Effort Estimation Techniques
 - COCOMO model (Barry Boehm)

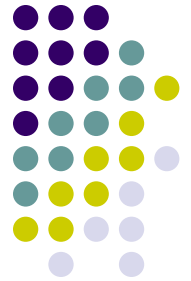


SENG 321 Résumé Entries

- Codes of Ethics
 - APEGBC
 - ACM Software Engineering
- Communication and management skills
 - Presentation skills
 - Teamwork
 - Organization skills
 - Leadership skills
 - Management skills
 - Project management skills
 - Time management skills

Final Exam SENG 321

Format and Materials

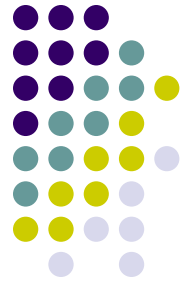


- Format
 - 3 hours
 - Closed books, closed notes, no gadgets
 - The same format as the midterm
 - Mostly essay style questions
- Slides
 - 600+ slides posted on the course website
- Midterm
 - Similar format and questions
 - A couple of questions from midterm (e.g., major phases)



Final Review

- Use case modeling techniques
 - Use case scenarios
 - Process for identifying use cases
 - Use case template
 - Use case diagrams
 - Context diagrams
 - Use case mistakes and limitations
- Review techniques
 - Walkthroughs
 - (Formal) inspection and validation
 - Inspection meetings
 - Inspection checklists
- CRUD (Create, Read, Update, Delete) Matrix
 - Develop a CRUD matrix for a well-known scenario
 - For example, bank checking account

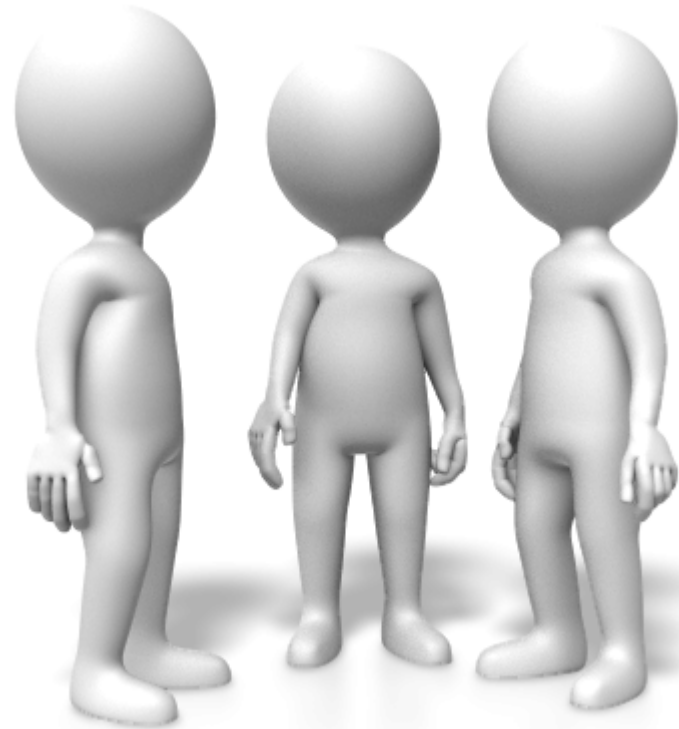


Final Review

- Codes of Ethics
 - APEGBC
 - ACM Software Engineering
- UML overview
 - Structural and behavioural diagrams
 - History of UML
 - What do you know about UML and its history?
 - Explain the uses of the 14 diagrams in UML 2.0
- Project cost and effort estimation techniques
 - Techniques
 - Parameters
 - Algorithmic models
 - Comparison of techniques
 - COCOMO model (Barry Boehm)
 - Contrast different project cost and effort estimation techniques

You have arrived!

Congratulations!!



Deliverable C4	SENG 321	Fri, Apr 1	C4 feedback on S4 (in MAC D288)	5% of project
Last Day of Classes	Calendar	Fri, Apr 1		
Final Exam		Sat, Apr 16	19:00-22:00 ECS 125	35%