

ELG 5100

Quiz Guide

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Time and Room

- Feb.14th 4PM STE B0138.
- You will be signing an attendance sheet.
- **Bring your Student ID** : it will be checked during the quiz
 - Only student ID, no other ID will be accepted.
 - **No Student ID, No Quiz, mark=0!**
- Bring a **pencil** and an **eraser**.

Coverage

- All lectures, class discussions, and assignment 1.
- Things NOT to memorize:
 - Statistics (25% of all projects don't finish ...)
 - 3-Level WBS
 - COCOMO Cost Drivers
 - FP Environmental Factors
 - But you should know their effect.
 - Exact content of SRS
 - Goal/Question/Metric details
 - XP planning diagrams
 - You should know XP planning itself.

Formulas

- Formulas to know:
 - Complexity calculations (lecture 10)
 - Phase Containment Effectiveness (lecture 9)
 - Beta estimation (lecture 5)
 - Quality Metrics, specifically:
 - $N = C_0 + C_1 + C_2$
 - Modularity = B/N , average breakage per N
 - Adaptability = E/N , average effort per N
 - Maturity = $UT/(C_0 + C_1)$
 - EVM:
 - SPI, CPI, CR
- Other formulas will be given.

Format

- 70 minutes long
- 25 **multiple choice** questions (roughly 50%)
- Three **full-answer** questions (roughly 50%)
 - similar to the assignments

Notes

- ONLY non-programmable calculators are allowed.
- Each multiple-choice question has **only one correct answer**. Read all 5 choices before selecting an answer.
- “**None of the above**” means “none of the above choices is a correct answer”.
- Enter the correct answer for multiple-choice questions in the scantron sheet.
- Answer the full-answer questions in the space provided.
- Total mark is 100.