BUITA Fall 2018

GUIDELINES for exam January 24-25 2019.

The exam is an individual oral exam, scheduled for 30 minutes, including grading and feedback. Expect around 20 minutes of actual examination.

You present a topic of your own choice for 3-­4 minutes. Then you draw a random exam question related to one of the specific learning goals of the course. You are then expected to relate this question and its literature to the core areas of informatics and how it would apply practically. You are encouraged to draw on your own portfolio-project or other relevant examples with a primary focus on relating the practical example to literature for the course.

The examiners then ask questions within the course literature relating to the core areas of informatics. We expect that you:

* Can describe, relate and reflect on central concepts and models in relation to the four core areas:
  + Systems Development and Design
  + Evaluation of IT
  + Implementation and Change Management
  + IT Security
* For the central aspects of IT architecture (the textbook) can describe and reflect on the following:
* Stakeholders
* Context view
* Functional view, information view and concurrency view
* Development view
* Deployment view and operational view
* Perspectives relating to the views

Questions that the examiners could ask during the dialogue at the exam could e.g. be:

* ”How do you work with stakeholders within it architecture?”, “Provide an example of this”.
* “How do stakeholder analysis relate to Systems Development and Design?”
* “How do you engage stakeholders in later phases of an it architecture redesign project?”
* “What is the role of the it architect during an implementation?”
* “Provide an example where the context view is relevant. Which perspective could be central for this example also?”
* “Give an example of a security challenge and relevant mitigation measures?”