CSCI427/927 Service-Oriented Software Engineering

Revision

(Lectures/tutorials in Weeks 1-6)

Topics in Weeks 1-6

- Service-Oriented Computing: Preliminaries
- Service Modelling (BSRL)
- Business Process Modelling and Management (BPMN)
- Semantic processes and services (effect scenarios for BPMN)
- Service Design, Composition, Interoperation (SoaML) Enterprise Service Architectures (TOGAF and ArchiMate)

Exam

- The final exam is conducted on a Moodle QuizThe Quiz comprises 4 separate pages, with one question at each page.
- *For each question*, you will **either** (1) write your answer in the provided <u>text box</u> **or** (2) upload <u>ONE PDF document</u> that includes your answer.
  - The specific way of submitting answers will be clearly specified in each question.
  - For the answer is required to be uploaded, only a PDF is accepted.
- Permitted materials include lecture slides, any relevant drawing and word processing software.
- To draw diagrams, you can use any tool of your choice (or draw by hand and take pictures – make sure the pictures are all clear!). However, you need to insert the diagrams back into the submission file.

Exam

- Exam duration is 3 hours to complete all questions, plus a 15 minute upload window.
    - The Moodle Quiz will automatically be submitted when the time expires.
- Note that to be eligible for a Pass in this subject a student must achieve a mark of at least 40% in the Final Examination
- The exam is expected to be completed independently.
- You must do it on your own and do NOT discuss your work nor share it with anyone else.
- When you submit, you acknowledge it is your own work.
- Academic misconduct may result in a FAIL grade and will be subject to university Academic Misconduct Procedures

Type of exam questions

- The exam covers **ALL** contents discussed in the lectures and tutorials
- *For the exam questions related to topics in weeks 1-6:*

  - Critically discuss certain SOC concepts and methods/techniques in lectures 1-6, and analyse how they are applied in some given case studies.

  - Similar to the exercises in the tutorials, lectures, project and quiz.

  - But your answers must be related to the given case studies.

Look through

- Lecture notes, Tutorial exercises, Project, Reference materials/books, Quiz
- Understand the relationship between the diagrams, i.e., BSRL, BMPN (incl. scenario annotation), SoaML and EA

Before the exam

- Keep your editing and drawing software tools handy.

- Make sure you know how to generate PDF documents to include contents created in the editing software tools.

  - For example, export a diagram into a PDF, or copy diagrams from multiple tools into MS Word and then save as a PDF.

- Good luck to your final exams!

  All the best to your future adventures!!