University of Nottingham Ningbo China

SCHOOL OF COMPUTER SCIENCE

A LEVEL 1 MODULE, SPRING SEMESTER 2023–2024

COMP1047: Systems and Architecture (AE1SYS)

Coursework (Assessment Weight: 50%)

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1   Synopsis

The module COMP1047: Systems and Architecture intends to provide UNNC CS students a comprehensive understanding on the two essential aspects of the modern computer design: computation systems and architecture, and communication systems and architecture. This coursework is thereby divided into **TWO (2)** parts, namely the **Part 1: Computer Architecture**, and **Part 2: Computer Networks**. The total mark of this coursework is [**50 MARKS**], which counts for **50%** of the total module marks. Of the total coursework marks, 40% are allocated to Part 1, and 60% are allocated to Part 2.

2   Questions, Deliverable, and Assessment

The two parts of the coursework are scheduled to be released as **two (2) separate documents** in the COMP1047 Moodle page. Specifically, Part 1 will be released in Week 4 of the semester, while Part 2 will be around Week 9. Parts 1 and 2 contain questions for Computer Architecture and Computer Networks, respectively. Details of the questions and their mark allocations will be available duly.

Accordingly, the submission deadlines of the two parts will be made separately, and announced within the Part 1 & 2 documents. The deliverables of each submission will be specified in each document, too. You will find their respective submission portals opened in Moodle and/or other repositories, as specified in each Part. Late submission rules apply, as indicated in the coursework issue sheet.

Detailed evaluation rubrics for each question will be provided in each Part's document. Note that, when evaluating your submissions, we may interview you regarding the details of your solutions, if necessary.

3 Plagiarism

You are gently reminded that we are at liberty to use plagiarism detection tools on your submission. Plagiarism will **absolutely** not be tolerated, and academic offences will be dealt with in accordance with UNNC policy and as detailed in the student handbook. That means you may informally discuss the coursework with your classmates, but you must implement your own code and provide your own answers. **DO NOT** **copy and paste, or paraphrase from others.**

While being a promising personal assistant in many ways, **ChatGPT**, or other types of AI, is regarded as an academic offence in UNNC if leveraged for coursework purposes: "University policies have been updated so that it is beyond reasonable doubt that AI constitutes academic offence." – *ChatGPT Task and Finish Group: Guidance on AI and Assessment.* It is important to note that the university, as well as the industry, are investigating technologies to identify the ChatGPT-produced outputs. We reserve the right to back-check the coursework submissions in a future point, even beyond this module's period.

4 Good Luck!