UGANDA CHRISTIAN UNIVERSITY
A Centre of Excellence in the Heart of Africa

FACULTY OF ENGINEERING, DESIGN AND TECHNOLOGY
DEPARTMENT OF COMPUTING AND TECHNOLOGY
ADVENT 2025 SEMESTER **EXAMINATION**

PROGRAM: BSCS, BSDS

YEAR: 3   SEMESTER: 1

COURSE CODE: DSC3114

COURSE NAME: SCIENTIFIC WRITING, REPORTING AND PUBLISHING

EXAMINATION TYPE: *PROJECT-BASED EXAM*

EXAMINATION DATE: NOV/DEC 2025

TIME ALLOWED: Two weeks

Examination Instructions

1. The general Uganda Christian University examination guidelines and academic & financial policies apply to this examination. Violating any of the policies by the student automatically makes this examination attempt void, even if you have completed and submitted the answer booklet.
2. This exam is project-based and should be executed in <u>two weeks</u>.
   i. Assessment of the project shall be based on three milestones. Each milestone shall be evaluated out of the stated marks in the milestone table.
3. Each milestone in the exam will be graded (See milestone table).
4. Students should prepare to make a presentation of their work on the day scheduled for this exam poster presentations. This will be a physical presentation. Any candidate who fails to present will not be given another opportunity.
5. Students will also be required to submit softcopies of their work on the UCU Moodle platform.
6. Any student who does not present his/her work will be considered to have missed the exam.

PART A: Exam Narrative

Each one of you has been working on a research topic for your final year project. Therefore, this exam will be done based on your research topic.

You will be required to come up with documents/presentations to communicate various aspects of your research work as guided in the milestone table below.

Each milestone will be graded out of the mark stated in the milestone table to contribute to the overall exam score (100%).

PROJECT DESCRIPTION

Basing on the approved research topic you are working on for your final year research project (Research Project 1), you are required to prepare a Systematic Literature Review (SLR) article following the PRISMA 2000 protocol guidelines for submission to IEEE Open Access Journal. Please refer to the journal submission guidelines for article typesetting and template guidelines (https://ieeeaccess.ieee.org/authors/submission-guidelines/). Each candidate MUST read and understand the submission checklist outlined on the submission guideline page. All candidates must use the article LaTeX template downloadable from the IEEE Access journal page.

The task will be graded based on the milestones described in the assessment table below;

PART B: Project-based assessment guidelines

S/N	Milestone Description	Maximum Marks
1	**MILESTONE ONE: Journal Paper writing [SLR]** Prepare and submit a Systematic Literature Review (SLR) paper on the approved topic you are working on for your final year project. Please submit according to your project groups. • The SLR should follow the PRISMA 2000 protocol guidelines • Use SCOPUS and Web of Science (WOS) databases ONLY for the literature search. You can access Scopus on-campus at https://www.scopus.com and off campus at https://ucu.sempertool.dk • The target journal for submission is IEEE Open Access Journal • Careful selection of Key words to optimize the relevance of papers obtained will be considered during assessment. • Atleast 10 journal articles should be be used in the final review and a clear exclusion and inclusion criteria leading to the final articles should be explained in your review article. • The group leader should be stated as the corresponding author.	60 %

	• In addition to the group members email address (use your UCU emails), each member should indicate their ORCID (if you don't have any, please register for your id at **https://orcid.org/**) • The length of the paper should be between 3 and 4 pages excluding references and appendices. • Referencing; use IEEE reference style	
2	**MILESTONE TWO: Dissemination [Poster presentation]** Prepare and submit a well-designed A2 or A1 poster from the Systematic Literature Review paper. All the group members MUST be available for the poster presentation for them to be assessed. ✓ How well candidates articulate the systematic literature review process, and the scientific understanding of the topic under review. ✓ How well the candidates align the reviewed literature/ existing solutions to the research topic and identification of gaps in literature. ✓ How well the candidate discusses the insights gained form literature relating them to the research they are undertaking.. ✓ Candidates' ability to defend their work and engage the audience throughout the duration of the poster presentation <u>without discriminating</u> the audience.	**30 %**
3	**MILESTONE THREE: Public media Presentation [A LinkedIn Post]** • You will be required to display skill in using public platforms to communicate your findings on the state of research in the topic reviewed. In this case, LinkedIn. • You will have to include the link to your LinkedIn post in the submission • Every group member MUST write independently and submit their own LinkedIn post. • The quality of the Post MUST be good, following proper scientific writing guidelines and precisely communicating your views on the topic. Otherwise, any substandard post will be graded very low indicating that the individual did not actively participate in the review. Thus reducing the individual scores for Section 1 (which is a group submission)	**10 %**
	TOTAL MARKS	**100 %**

~END OF EXAM GUIDELINES~