

## Department of

## **Computer Science & Engineering**

University of Liberal Arts Bangladesh

## **Rubric for Assessment of Open-Ended Lab Experiment**

Criteria	No / wrong answer (0)	Poor (3)	Developing (6)	Accomplished (9)
Problem Statement (Understanding of the Problem) [CO1]	No / wrong answer	Very <b>little understanding</b> of the problem.	<b>Some</b> understanding of the problem. Up to <b>some extent states</b> what information is known and what needs to be determined.	Clearly shows <b>full</b> understanding of the problem and <b>completely</b> states what information is known and what needs to be determined.
Methodology and Solution (Apply knowledge learned in the course to develop the appropriate methodology/ procedure for solving the problem) [CO2]	No / wrong answer	Methodology and Solution are <b>not correct</b> , or not provided.	Methodology and Solution would be correct if errors are corrected.	Methodology and Solution are <b>correct</b> . No errors or few minor calculation errors.
Modern Tools Use (Apply appropriate techniques, resources, and tools to solve the problem) [CO3]	No / wrong answer	Weak demonstration of the ability to use appropriate tools, techniques, and skills to effectively solve problems or design systems.  Weak demonstration of the ability to draw correct conclusion of results obtained from the tool.	Partly demonstrate the ability to use appropriate tools, techniques, and skills to effectively solve problems or design systems.  Partly demonstrate the ability to draw correct conclusion of results obtained from the tool.	Fully demonstrate the ability to use appropriate tools, techniques, and skills to effectively solve problems or design systems.  Fully demonstrate the ability to draw correct conclusion of results obtained from the tool.
Communication (Organization, Formatting, Errors and Effectively Comprehend and Write Report)	No / wrong answer	Poor organization and formatting; and contains errors. Cannot Communicate key concepts and solution.	Partly organized and formatted with relatively less error. Communicate the key concepts and solution up to some extent.	Well organized and properly formatted without any error. Communicate the key concepts and solution effectively.