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| **A picture containing logo  Description automatically generated** |  | **AMERICAN INTERNATIONAL UNIVERSITY – BANGLADESH**  **Faculty of Engineering** | | | | | |
| **Lab Name**: | | | Electrical Circuits -1 (DC) Lab **Course Code:** EEE 1204 **Sec:** E | | | | |
| **Semester: Fall** 2023-24 | | | | **Term**: Final |  | **Total Marks**: 20 |  |
| **Faculty Name:** | | | |  | | **Date:** |  |

**Course Outcome Mapping:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CO** | **POIs** | **K** | **P** | **A** | **Marks** | **Obtained Marks** |
| CO4 | P.j.1.A2 |  |  | A1, A3, A5 | 30 |  |

**Marking Rubrics (to be filled by Faculty):**

**CO4:** Perform effective oral presentation and respond to clear instructions on complex engineering activities.

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|  | **Objectives** | **Unsatisfactory (0-1)** | **Good (1-2)** | **Excellent (2.5)** | **Marks** |
| **Presentation (10)** | **Delivery** | Deliver presentation from reading slides only. No interaction with the audience. | Maintained appearance and deliver the content properly but not organized | Maintained appearance and deliver the content with proper eye contact and audience interaction |  |
| **Content** | Content of the presentation slides is poor, missing important theories and data | Content of the presentation slides is not rich with adequate elaboration | Content of the presentation slides are satisfactory |  |
| **Critical thinking** | Cannot analyze the data with no critical thinking ability | Q/A understood but demonstrated inaccurately. | Q/A session were organized and  analyze well |  |
| **Summarize findings and conclusion** | Cannot summarize or compare findings to expected results and no conclusion drawn | Summarize finding in an incomplete way with a conclusion | Summarize finding in a complete way |  |
| **Project Demo (10)** | **Observation 1** | Cannot explain hardware related to the experimental setup | Can answer some of the hardware related questions | Can answer most or all the questions |  |
| **Observation 2** | Cannot demonstrate the experimental operation and data collection | Can show some of the experiments | Can answer most or all the operations |  |
| **Observation 3** | Unexpected experimental outcome between calculated, simulated, and experimented data | Somewhat unexpected experiment outcome but percentage errors are too high without any specific reason | Accurate data collected from the hardware and simulation and matches with the calculated data, percentage of errors are minimum |  |
| **Observation 4** | Can’t draw a conclusion | Somewhat draw a conclusion | Can explain the conclusion |  |
| **Comments:** | | | | **Total (out of 20):** | |

**Group Members**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Group No** | **Sl #** | **ID Number** | **Name** | **Remarks** |
|  | 1. | 23-52822-2 | Syed Md Redwanul Karim |  |
| 2. | 23-52831-2 | Mohammad Faisal |
| 3. | 23-52497-2 | Mithila Rahman |
| 4. | 23-52947-2 | Abdullah Al Saif |
| 5. | 23-52775-2 | Tasnia Rahman Aastha |