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| AIUB | **American International University-Bangladesh (AIUB)**  **Faculty of Engineering (FE)**  **Electrical and Electronic Engineering (EEE)** |

**Course Project Presentation Guidelines and Rubrics (Microprocessor and Embedded Systems Design Lab)**

**The project presentation (in Microsoft PowerPoint) must contain slides on the following points:**

1. **Introduction**

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| * 1. Background of Study and Motivation |
| * 1. Project Objectives |
| * 1. A Brief Outline of the Presentation |

1. **Literature Review**
2. **Methodology and Modeling**

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| * 1. Introduction |
| * 1. Working Principle of the Proposed Project |
| * + 1. Process of Work |
| * 1. Description of the Components |
| * 1. Implementation |
| * 1. Test/Experimental Setup |

1. **Results and Discussions**

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| * 1. Simulation/Numerical Analysis/Graphs/Figures |
| * 1. Measured Response/Experimental Results/Calculated Results |
| * 1. Comparison between Numerical and Experimental Results |
| * 1. Cost Analysis |
| * 1. Limitations of the Project |

1. **Conclusion and Future Endeavors**

**References**

**Appendix (if any, optional)**

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| **Course Name:** | | | Microprocessor and Embedded Systems Design | **Course Code:** | EEE 4217 |
| **Semester:** | | | Spring 2023-2024 | **Section:** |  |
| **Faculty Name:** | | | **Niloy Goswami** | | |
|  | | |  |  |  |
| **Project Title:** | | |  | | |
| **Project Group #** | | |  | | |
|  | | |  |  |  |
| **SL #** | **Student Name** | | | **Student ID #** | |
| **1.** |  | | |  | |
| **2.** |  | | |  | |
| **3.** |  | | |  | |
| **4.** |  | | |  | |
| **5.** |  | | |  | |
| **6.** |  | | |  | |

**Assessment Materials and Marks Allocation:**

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| **CO** | **Assessment Materials** | **POIs** | **Marks** |
| CO3 | Course Project Presentation ***(Explain the complex engineering activities of a course project solving a complex engineering problem of the electrical and electronic engineering discipline through an effective presentation.).*** | **P.j.3.A4** | **10** |

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| **CO** | **Excellent to proficient**  **[9 to 10]** | **Good**  **[6 to 8]** | **Acceptable**  **[3 to 5]** | **Unacceptable**  **[1 to 2]** | **No Response**  **[0]** | **Secured Marks** |
| **CO4**  **P.e.3.P5** | The presentation explains the complex engineering activities of a course project solving a complex engineering problem of the electrical and electronic engineering discipline incorporating all points. | The presentation somewhat explains the complex engineering activities of a course project solving a complex engineering problem of the electrical and electronic engineering discipline, but not incorporating all points. | The presentation does explain the complex engineering activities of a course project but fails to solve a complex engineering problem of the electrical and electronic engineering discipline, but missing some important points. | The presentation does not explain the complex engineering activities of a course project and fails to solve a complex engineering problem of the electrical and electronic engineering discipline, but missing most of the points. | No Response |  |
| **Comments:** | | | | | **Total Marks (10)** |  |