|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **March. 2025** | | | | | | |
| **Directions:** *By filling out this form and after the approval of the Project Committee the students will be committed to the selected project and must follow the Senior Design Standard closely for proper credit. Please fill out all the required fields and get your selected project’s supervisor to fill out his portion and sign it, and then return to the EE Secretary.* | | | | | | |
| **Students’ Information (Must be filled out by Students' Team)** | | | | | | |
| **Project Title:** |  | | **Supervisor:** | |  | |
| **Co. Supervisor:** | |  | |
| |  |  |  |  | | --- | --- | --- | --- | | **NO** | **Student Name (2-4 students)** | **Student ID** | **Contact Information** | | **1.** |  |  |  | | **2.** |  |  |  | | **3.** |  |  |  |   **Supervisors’ Approval**  **Please note that in the case of approving two students’ teams for the same project, the Project Committee will grant the project to the Team with the highest aggregated GPA using a weighted sum formula.**   * Did the supervisor approve this project for other students’ teams? Yes ⃝ No ⃝\* * This to hereby that the above student’s team is approved for the project Yes ⃝\* No ⃝     **Supervisor’s Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Supervisor’s Remarks (if any)**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| **For Project Committee Usage (Do not write below this line)** | | | | | | |
| * Supervisor approved for this Senior Design Project? Yes ⃝ No ⃝   **Project Committee Remarks:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| **March. 2025** | | | | | | |
| **Directions:** *The supervisor needs to provide a brief summary of his proposed project. Please fill out the Abstract and the corresponding Project’s Outcomes sections. Then print out this form and return to the EE secretary. Please do not alter or modify this template form..* | | | | | | |
| **Project Description** | | | | | | |
| **Project Title:** |  | **Supervisor:** | |  | | |
| **Co. Supervisor:** | |  | | |
|  | | | | | | |
| **Project ABET Outcomes:** | | | | | | |
| Outcome #1:  Outcome #2:  Outcome #3: | | | | | | |
| **Project Design Component per ABET Requirements:** | | | | | | |
| Does the project involve applying engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors? | | | | | | Yes ⃝ No ⃝ |

(1 – 7) Matching outcomes

|  |  |  |
| --- | --- | --- |
| **New Student outcome** | **Statement** | **Matching (a – k) outcome** |
| **(1)** | An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics | **a, e** |
| **(2)** | An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors | **c** |
| **(3)** | An ability to communicate effectively with a range of audiences | **g** |
| **(4)** | An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts | **f, h** |
| **(5)** | An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives | **d** |
| **(6)** | An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions | **b** |
| **(7)** | An ability to acquire and apply new knowledge as needed, using appropriate learning strategies | **i, j, k** |