



BME 406 GRADUATION PROJECT INFORMATIVE NOTE AND MAIN GUIDE FOR THE EVALUATION

The BME 406 Graduation Project course aims to equip our undergraduate students with the skills to use effective research methods and tools, manage projects and risks, conduct experiments, design experimental processes, collect data, and analyze and report the results. The course focuses on examining complex engineering problems and discussing the environmental impacts of the proposed experimental designs.

Final project evaluation criteria:

1. INTRODUCTION

- Conducting research from academic (literature) sources regarding the designed experiment/system/study (20%)
- Project schedule (Work-Time Schedule) (5%)

2. MATERIAL and METHOD

- Planning the experimental setup/system/study (15%)
- Risk Management: Potential Risks and Contingency Plans (5%)
- Performing the scientific investigation and collecting the necessary data (20%)

3. RESULTS

- Analysis of experiment/system/study data and reporting (10%)

4. DISCUSSION

- Comparison of the results with relevant literature (15%)
- Cost analysis (5%)
- Discussion on the environmental effects of the project (5%)