

Spring 2021

## **IE 444-HM2: Senior Project II**

Layek Abdel-Malek

Follow this and additional works at: <https://digitalcommons.njit.edu/mie-syllabi>

---

### **Recommended Citation**

Abdel-Malek, Layek, "IE 444-HM2: Senior Project II" (2021). *Mechanical and Industrial Engineering Syllabi*. 320.

<https://digitalcommons.njit.edu/mie-syllabi/320>

This Syllabus is brought to you for free and open access by the NJIT Syllabi at Digital Commons @ NJIT. It has been accepted for inclusion in Mechanical and Industrial Engineering Syllabi by an authorized administrator of Digital Commons @ NJIT. For more information, please contact [digitalcommons@njit.edu](mailto:digitalcommons@njit.edu).

## IE 444: Senior Project II

January 2021

Dear class

As a reminder the format of the final report is outlined below. I would like to meet with each group at least once before submitting the final document which is due by the end of April. A draft can be submitted earlier for feedback should the group choose to do so. The final presentation will be held tentatively during the scheduled final exam period. The place of the presentation will be finalized soon. Each group should prepare a 20 minute presentation (PowerPoint) including 5 minutes for questions\*. The grade will be based on;

- Progress reports.
- Quality of the write-up.
- Technical contents.
- Industrial partner's satisfaction.
- Oral presentation.

The report is a very important document for your career as a professional. It should be prepared with care, deliberation and thoroughness. The report should be submitted in a binder or bounded.

. The contents are as follows

1. Cover page, include class title, year, and company name and project title, names of the students in the group.
2. Executive summary, about two (2) pages, describing the work and its contribution to the industrial partner.
3. Acknowledgment
4. Table of contents
5. Introduction in which the company background is presented, the problem is described, and how the rest of the report is organized.
6. Literature search where the references reviewed to help in addressing the problem are summarized.
7. The main body of the project can be divided into 2 or 3 chapters depending on the problem at hand. For example, data collection chapter, statistical analysis chapter, modeling chapter, and results chapter.
8. Summary and conclusion where the findings are summarized and suggestions are made. Also, future investigation for continuation can be proposed.
9. References Cited.
10. Appendices

\*At this point in time depending on CDC guidelines, the oral presentation may not be held. More information will be provided toward the end of the semester.