IME Senior Project During Summer Internship or Co-ops

Students who plan to find their senior project topic during summer internships or Co-ops should abide by the senior project guidelines posted on the IME web page.

1. It is recommended that students find and speak with their technical advisor before starting their Internship or Co-op to discuss senior project requirements while on an internship or Co-op.

2. IME faculty can volunteer to serve as a senior project technical advisor during Summer Internship or Co-op. The IME Chair will serve as the default senior project technical advisor for students during their Summer Internship or Co-op.

3. The project must have an engineering design component and its solution method follow the engineering design process to be a suitable Senior Project topic.

4. Students must obtain permission from the company in order to use the project as a senior project.

5. Students must perform a Literature Review while on Internship or Co-op.

6. Students should collect all relevant data regarding the project.

7. Students should be in communication with their senior project technical advisor during their Summer Internship or Co-op.

8. Student must meet with their senior project technical advisor immediately upon returning from their Internship or Co-op.

9. Students will have to register for IME 481/482 during the academic school year (not summer quarter), and while the student is on campus. Students should not register for these courses when on a co-op.
10. There is an expectation that students will need to perform **additional work** for the senior project beyond the work performed during their Summer Internship or Co-op. Some examples may include:

- Expanding the project into a new area of interest or objectives that may have been overlooked in the original problem statement.

- Applying the concept or methodology to a slightly different scenario, such as when relaxing some of the original assumptions in the problem.

- Performing sensitivity analysis and “what-if” variations of the original work.