

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.