

IME Senior Project During Summer Internship or Coops

Students who plan to find their senior project topic during summer internships or Coops should read carefully the senior project guidelines posted in the IME Web page (<http://ime.calpoly.edu/senior-projects/>).

Make sure you understand all of the following items. For details, refers to the senior project guidelines available in the IME Web page.

1. It is recommended that students talk with their faculty academic advisor **before** starting their Internship or Coop to discuss senior project requirements while on an internship or Coop.
2. The project must have an **engineering design** component and its solution method follow the **engineering design process** to be a suitable Senior Project topic.
3. Students must obtain **permission** from the company in order to use the project as a senior project.
4. Students must perform a **Literature Review** while on Internship or Coop.
5. Students should collect all relevant **data** regarding the project.
6. IME faculty can volunteer to serve as senior project advisors during Summer Internships or Coops. The IME Chair will serve as the **default senior project advisor** for students during their Summer Internship or Coop.
7. Students should be in **communication** with their senior project advisor during their Summer Internship or Coop.
8. Student must meet with their senior project advisor immediately upon **returning** from their Internship or Coop.
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 Coop. 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.