Assignment

* Pick a published paper that describes an application or technique related to the material presented in class.
* A list of possible papers is given [hereLinks to an external site.](https://www.zotero.org/groups/2271817/enae788l/items/collectionKey/R2L89NKV" \t "_blank); if you would like suggestions on  paper, please ask or email me, and let me know what applications interest you.
* See videos on literature research; see also the literature research page for information on best practices for literature research, including picking a topic paper and studying the subject paper.
* In the first month of the class, select your paper; see the assignment "Project topic".
* You will read the paper, its references, background material including class notes/book, as needed.
* You will make a class presentation at the end of the semester and turn in a short written report on the last day of classes or other day as announced by instructor.
* Explain the application (if needed) assuming the audience has a general engineering background.
* Explain the optimal estimation techniques in terms of what was covered in class.
* Discuss the choice(s) of estimation technique made by the authors, the justification for those choices, and what other possible choices they could have made.
* Discuss how you would improve or extend the work, based on what you learned in class and your research on this topic.
* Your written paper should have references used.
* Turn in the written paper by emailing or sharing a Google link to healy@umd.edu.

Presentations

* In the last class meetings of the semester, each student will have about half an hour to present their subject paper and tie it in with class topics.
* Every student is expected to attend all presentations, and to read or skim the other papers before they are presented.
* By 5PM before the day before your presentation, email me your slides, and I will post.