

Course Project Proposals

EECS 274 Spring 2018
(version 1.0 3/15/18)

Decide on a topic and send me a short proposal by 11:59pm Sunday March 18.

Remember, you can either perform an investigation/study/survey or implementation:

Investigation/study/survey: A chance for you to study something I won't be covering in lecture. Learn more about it yourself and then teach your classmates about it. See list of suggested topics or chose one of your own. You can also do some implementation but it is not required.

Implementation: Implement a technique I've covered in lecture or another of your choosing. Use whatever programming language and environment you want: Matlab, OpenCV in Python or C/C++, etc. See list of topics or choose your own.

General guidelines:

- You can work individually or in groups of two or three. Effort should scale with group size. You will need to describe individual contributions for group projects in your presentation and report.
- You will have to give a 15-20 minute presentation during the last week of the semester (during lecture or the lab session). One presentation per group but each member should present something. Also, group presentations might be longer.
- You will submit a report during finals week (deadline TBD). One report per group but effort scaled accordingly.
- Try stay away from deep learning techniques.
- The course project, particularly an implementation, can't be identical to your research. It can complement it though.

What to send me in your project proposal:

1. Name(s).
2. Topic title.
3. A short description (2-3 paragraphs) of what you are going to do.
4. For implementations, what language/environment will you do the work in?
5. A sentence or two why you chose this topic.
6. Email this to me as a PDF file.