

# EE P 500: Graduate Seminar

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### OVERVIEW:

In order to broaden your exposure to electrical engineering research, all PMP students are required to take a minimum of 5 Seminar credits (maximum of 9), graded on a Credit/No-Credit basis (no numeric grade is needed or given), as part of the 45 required MSEE credits. This seminar does not meet in person; rather, students complete seminar requirements over the course of the quarter by submitting either 4 (for Section A) or 8 (for Section B) paper reviews. The only difference between the two sections is the number of paper reviews required throughout the quarter, and thus the number of credits earned: 1 credit for Section A, and 2 credits for Section B. While not expected or common, students are permitted to take both both sections simultaneously during one academic quarter for a total of 12 (8+4) completed paper reviews by the quarter's deadline. Students who successfully complete both seminars during a given quarter will earn a total of 3 credits (1 credit for Section A, 2 credits for Section B).

### REQUIREMENTS:

Students are required to write 4 (for Section A) or 8 (for Section B) short paper or colloquia reviews, and submit all reviews by the last Monday of the quarter. Paper reviews are to be based on current or previous ECE colloquia or IEEE articles (as specified below). Each of reviews must be a minimum of 400 words and should, for your guidance, answer the following questions:

1. What are the main technical contributions of the paper/talk?
2. What are possible applications of the work?
3. What are possible future extensions of the work?
4. Why did you choose this paper/talk? Explain your interest in this topic and how this paper furthered your knowledge of the topic.
5. Your name, date of your paper review, and scholarly citation:

- For paper: Author(s), paper title, journal or conference proceeding, date, and page numbers
- For colloquium: Speaker, title, and date of talk

**Please do not include these instructions in the body of your paper.**

**If you choose to review a Colloquium Seminar:**

The Colloquium seminar presentations are available to PMP students as recorded

videos of the weekly ECE Colloquium series. You are also welcome to attend the seminars in person if your schedule permits. The recordings are available from either our colloquium page or our YouTube channel:

Colloquium page - <https://www.ece.uw.edu/research-colloquium/>  
UWECE's YouTube channel - <http://www.youtube.com/user/UWEEmedia>

Please note that it can take several days after a seminar presentation for the video recordings to be posted. Speakers are both internal and external to UWECE and UW, and cover a variety of topics of interest to electrical engineers in all areas.

### **If you choose to review an IEEE Xplore® article:**

Research review papers can be chosen from any modern electrical engineering area. You can search for relevant articles/papers by going to IEEE Xplore®, where all papers are available for free once you are officially registered at the University of Washington and have your UW NetID. To access IEEE Xplore® from off-campus, follow these instructions:

1. Go to: <http://www.lib.washington.edu.offcampus.lib.washington.edu/> and, if not yet logged in, click the "off-campus access" button at the top right of the page.
2. Enter the web address: <http://ieeexplore.ieee.org.offcampus.lib.washington.edu/Xplore/dynhome.jsp>, which takes you to the IEEE Xplore® search engine.
3. Browse to "Journals and Magazines," in the upper left. You will then see a clickable list of EE Research Magazines, packed with tutorials of the most recent research topics. Please choose an article with significant technical content - 4 pages or longer.

For example, if you are looking for some modern tutorial articles, you can refine your search within IEEE Xplore® by entering, for example, one of the following magazines in the "Search By Keyword" box:

- IEEE Circuits and Devices Magazine
- IEEE Communications Magazine
- IEEE Control Systems Magazine
- IEEE Electromagnetic Compatibility Magazine
- IEEE Power and Energy Magazine
- IEEE Robotics & Automation Magazine
- IEEE Signal Processing Magazine

## **SUBMISSIONS:**

Submissions can be uploaded at any time throughout the quarter, by the posted deadline.

Late reviews will not be accepted and will result in a "no credit." We strongly suggest that you do not wait until the end of the quarter to do your required paper reviews, all of which are due by the published deadlines above. Early submissions, for some or all of your required reviews are certainly acceptable.

## **GRADING:**

For each of your reviews, you will be graded on the following:

- Whether the 400 word minimum was met.
- Whether students made an attempt to answer the questions referenced above.
- Academic Honesty, as per the statement below on “ACADEMIC MISCONDUCT & PLAGIARISM.”

If you satisfy these requirements, you will receive 1 credit for Section A and/or 2 credits for Section B.

## **ACADEMIC MISCONDUCT & PLAGIARISM**

Papers should be original work. Copying (or plagiarizing) published text, without giving due recognition, or work from other students, is unacceptable. If you have any questions as to what constitutes cheating or plagiarism, please refer to the [COE Academic Misconduct Policy](#).