ECE 6242 Advanced Digital Signal Processing, Winter 2018
Human Health Building 1031, M W 7:30pm-9:17pm

Instructor

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Office Hours

Monday 10am to 12noon or by appointment

Textbook/References

- Statistical Digital Signal Processing and Modeling, Monson H. Hayes
- Mathematical Foundations of Data Sciences, Gabriel Peyre (PDF version available)
- http://www.numerical-tours.com/

Prerequisites

- Digital Signal Processing (ECE 5220)
- Random Signals and Processes (ECE 5206)

Grading

3 Homework Sets	20%
Paper Reading	20%
Project	40%
Midterm Exam	20%

Requests for re-grading must be submitted in writing within one week of homework, project and exam return. All questions may be re-graded.

Notes
1. Late work policy: Absolutely NO late work will be accepted.
2. Collaboration on the assignments to the extent of formulating ideas is encouraged. However, the assignment you submit to the instructor must represent your own thoughts and be written up completely on your own. In programming assignments, using code downloaded from the internet is prohibited unless a permission has been obtained from the instructor.
3. Students shall read recent papers in the area of signal processing and present to the whole class. This is an important component of the class. The term project shall be related to the topics in paper reading.