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Text: Linear Systems and Signals, Lathi
Solutions: Solutions Manual to Lathi, Call # UWD1461

252 Home Page: <http://ocho.uwaterloo.ca/~pfieguth/Teaching/teaching.html>

Class Times: TR 1:00–2:20, DWE-2536
Tutorials: Wed/Thurs 2:30–3:20, DWE-2536, every week

Office Hours: T.A. – Azadeh E2-1303C Tentatively Tuesdays, 3:30-4:30
T.A. – Nezam E2-1303C Tentatively Wednesdays, 3:30-4:30
Prof. Fieguth DC-2615 Fridays, 12:30-1:20

Course Grading:

1. The course web page will list recommended homework problems, however these are not graded.
2. Four *short* computer labs will be assigned during the term. The emphasis of these labs will be to provide insights into signal processing, complementing the more analytical material discussed in class. 20% of the course grade will be based upon the lab reports.
3. Midterm on October 18, 4:30-6:30: 20% of the course grade.
4. Final exam: 60% of the course grade.
(Final exams below 50% may be weighted more heavily in the course grade.)

Course Outline:

1. Introduction
2. Basic Signals
3. System Properties
4. Impulse Response and Convolution
5. Laplace Transform
6. Z Transform
7. Fourier Series
8. Fourier Transform
9. Signal Sampling
10. Discrete Fourier Transform