UW Physics 623 Syllabus
4 credits Fall 1999
Profs D. McCammon and R. Prepost

Lectures in Sterling Hall Room 3335 on Tues. and Thurs. from 1:00 PM to 2:15 PM
Labs in Sterling Hall Room 3525 on Wed. 2:25-5:25; 7:00-10:00 PM
Final Exam on Fri. Dec 21 at 10:05 in a room yet to be chosen.

D. McCammon: Office hours in 6207 Chamberlin 9-10 AM Tues. and by appt./dropin
Phone: 262-5916; EMail: McCammon@wisp.physics.wisc.edu

R. Prepost: Office Hours in Chamberlin 4271 Wed. 10-12 AM and by appt./dropin
Phone: 262-4905; EMail: prepost@wishep.physics.wisc.edu

Grades: 50/50: Lab/Lecture

References are on reserve in the Physics Library.

Text
“The Art of Electronics” by Horowitz and Hill, Cambridge 2nd Ed.

Useful General References
“Introductory Electronics for Scientists and Engineers” R.E.Simpson, (Allyn and Bacon) 2nd Ed.
“Introduction to Modern Electronics” Clint Sprott, (Wiley) (2 photocopies)
“Electronics for the Physicist”, C.F.G. Delaney (Ellis Horwood)

References for Specific Topics
“Transmission Lines”, Robert A. Chipman (Schaum Outline Series) 1968
“Analog Signal Processing and Instrumentation”, A.F.Arbel (Cambridge)
“Designing with TTL Integrated Circuits”, Morris and Miller (McGraw Hill)
“Pulse, Digital and Switching Waveforms”, Millman and Taub (McGraw Hill) 1965
## 623 Lectures and Labs Fall 1999

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<th>Week</th>
<th>Lect</th>
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<th>Likely Lecture (Tues+Thur)</th>
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