



RAMIN PASHAIE, PhD,
Associate Professor,
Electrical Engineering Department,
University of Wisconsin-Milwaukee,
3200 Cramer Street, EMS Office # 1181,
Milwaukee, WI, 53211,
Phone: (414) 229-2273, e-mail: pashaie@uwm.edu.

Microwave Engineering, EE 461, Fall 2015

Course: Microwave Engineering, EE 461, 3 Credits, TR 9:30am-10:45am, CHM 197. Sep.02-Dec. 14

Instructor: Ramin Pashaie, PhD.

Contact information: Office: EMS 1181, E-mail: pashaie@uwm.edu, Phone: 414-229-2273.

Textbook: David, M. Pozar, ‘Microwave Engineering,’ 4th Ed., Wiley, ISBN: 0470631554.

Textbook Online: Get the kindle version, rent for: \$36.12.

Second Reference: Robert E. Collin, ‘Foundations for Microwave Engineering,’ ISBN: 0-7803-6031-1.

Grading Policy:

Midterm Exam	24%
Final Exam	44%
Homework	32%
Sum	100%

We will cover the first ~ 8 chapters of the textbook,

Midterm Exam: Early November, closed book, you can bring a formula sheet.

Final Exam: Scheduled for 10:00am-12:00noon, Monday, Dec 21. **Our exam will be take-home.**

In both mid-term exam and final exam questions for graduate students are different and scientifically more challenging.

Office Hours: TR, 11:00am-12:00noon, Room # EMS 1181.

Homework: We will have ~ 8 HWs. Due will be one week after assigning each HW.

Homework problems will be different for graduate students compared with Undergraduate students. The problems for graduate students are more challenging and potentially require more advanced mathematical or physical techniques to be applied. In each home work questions for graduate students will be specifically marked.

Attendance requirement: There is no attendance requirement for lecture.

Course Goals: The mission of EE 461, Microwave Engineering, is to develop an understanding of electrical circuit operation at high frequencies. Students will develop proficiency in basic analysis and design of some typical high-frequency devices, particularly those devices associated with transmission lines.