



## Overview



- Transmission Lines
- Plane Waves
- Dielectric Interfaces
- Waveguides
- Cavities
- Microwave Circuits (Couplers, Filters)
- Antennas (Dipoles, Yagi-Uda, Log-Periodic, Arrays)
- Optical Waveguides, Optical Fibers
- Wireless Communication Standards and Devices
- Commercial CADs for EM/RF Applications
- Wireless communication platforms/Wireless Sensors
- Internet of Things/"Smart Skins"
- Large-Area Inkjet Printed RF Electronics
- RF Applications of Nanotechnology

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## E-Mail List

[ece4350a@lists.gatech.edu](mailto:ece4350a@lists.gatech.edu)

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## Grading Policy

• 10% Homework • 25% QUIZ 1 • 25% QUIZ 2 • 40% FINAL • 10% Group projects  
[Bonus Points]

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## Homework Policy

Problems/Homeworks will be posted on GT Canvas and will be due on the assigned dates.  
Late Homework will not be accepted without justification.

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## Exams

There will be 2 (two) exams on October 6 (Tuesday) and November 5 (Thursday).  
The final will take place on a date to be announced.

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## Online Lectures, Office Hours and In-Person Meetings

All lectures will be posted online on GT Canvas. There will be 4 In-person meetings (8/18, 9/15, 10/20 and 11/24) to discuss questions about class and have presentations/discussions on state-of-the-art topics. The remaining scheduled class time slots will be dedicated on online office hours to be held on GT Teams.

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If you have questions or comments about this course, please send e-mail to [etentze@ece.gatech.edu](mailto:etentze@ece.gatech.edu)