Jordan University of Science & Technology, Electrical Eng. Dept.
EE-528, Microwave Electronics, Second Semester 2013-2014, Dr. N. Dib


• **Topics to be covered**:
  1. Introduction and quick review
  2. Chap. 3: T. L.’s and Waveguides. (3.4-3.8)
  3. Chap. 4: Microwave Network Analysis. (4.2-4.4)
  4. Chap. 5: Impedance Matching and Tuning. (5.1-5.7)
  5. Chap. 6: Microwave Resonators. (6.4)
  6. Chap. 7: Power Dividers and Couplers. (7.1-7.8)
  7. Chap. 8: Microwave Filters. (8.3, 8.4, 8.6)

• **Grading system**:
  1. Homeworks (and may be quizzes): 10%
  2. Exam #1: 25%. Date: Sunday 30/3, 4:15-5:30.
  4. Final exam: 40%

• **References**:
  Rizzi, Microwave Engineering.
  Collin, Foundations of Microwave Engineering.

• **Office Hours**:
  – Sunday, Tuesday & Thursday: 11:15-13:15
  – Monday 11:15-12:45

• **General Rules**
  – Attendance will be taken every lecture. If your absence exceeds 10%, without valid excuse, then I have the right to prevent you from continuing to attend the course. In case there is a valid excuse for not attending a lecture, you need to present this excuse to me within 2-3 working days from your absence. You have to attend even if this is not the first time you register for the course.
  – A copy of the notes is available in Al-Atheer copy center (and may be other copy centers). I encourage you to make a copy for yourself, and bring it with you to class. A scanned copy of the notes is also available on my website.
  – No late homeworks, without valid excuse, will be accepted. You should attend to submit your homework in class yourself. Check homework rules on my website.
  – Most likely, exams will be open book and notes. Check exams’ rules on my website.
  – Come on time to class.
  – Know your rights and duties. Get serious!!