

ECE 327: *Electronic Devices and Circuits Laboratory I*

Agenda for Lab 0 (Introduction/Instrumentation Lab)

1. Class introduction

- Distribute syllabus (also available on-line)
- Instructor
 - Ted Pavlic (sounds like “maverick”)
 - E-mail: <pavlic.3@osu.edu> (put “**ECE 327**” in your subject)
 - Office (CL 351) hours: TBA—How about Thursday during class hours?
- Course web page: <http://www.ece.ohio-state.edu/~pavlict/ece327/>
- Purpose of course
 - **3** — Rank 3 and Rank 4 students, **2** — Circuits course, **7** — Not 323
 - Introduction to *analog* electronics. Focusses on *application* of (discrete) electronics
 - Complements ECE 323
 - BJTs and operational amplifiers
 - New course organization and history (e.g., ECE 427)
- Other labs (**ECE 628**, ECE 667, ECE 710, ECE 723)
- Grades (Carmen and course website)
 - Daily quizzes (20%), Lab reports (40%), Lab clean-up (10%), Final exam (30%)
 - Lab report grading rubric given on course web page.
 - Final letter grade curve
- Make-up dates (during office hours?)
- Breadboards and **FLOPPY DISKS** (or a decent camera)
- Table seating

2. Introduction to lab texts

- Contents of UniPrint/Cop-EZ Notes
 - Lab introduction
 - **Project description**
 - **Parts list**
 - **Part pin-outs**
 - 7 laboratory texts
 - End-of-quarter project (omitted)
- Supplemental texts from instructor (available on-line)
- Horowitz and Hill’s *The Art of Electronics* (optional)
- Sedra and Smith’s *Microelectronic Circuits* (awful... I mean, optional)

3. Introduction to quarter project

4. Ungraded pre-quiz

- **NAME** and **TABLE NUMBER** on quiz
- Pre-quiz (~10 minutes)
- Solution

5. Instrumentation refresher “lab” — complete short laboratory described in handout

6. **Reminder about breadboards and floppy disks** (or decent cameras)