Advanced Lab II

- 1 unit lab taken by only BS physics majors
- Individual experiments from a list of 25

Electronics Lab

- 1 unit lab taken by only BS physics majors; accompanies lecture course

Special Features of Advanced Lab I

- Custom textbook, Modern Data Acquisition and Analysis, for course
- Weekly quizzes on data acquisition and analysis — see next panels
- Data analysis approach follows ISO standards
- Tutorial experiments on important instrumentation, interfacing, and data analysis techniques
- Focus on scientific writing
  - Three "Measurement Report" short lab reports as used in industry
  - One journal-style paper
  - Students do an oral (Powerpoint) presentation