SOUTHERN POLYTECHNIC STATE UNIVERSITY

Electrical and Computer Engineering Technology

# **ECET 3600 -- Test Engineering**

# **Policies and Procedures**

# Professor Pamela Frinzi

# Office: Room Q251

Hours: posted beside door

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678/915-7246

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**COURSE OBJECTIVES:**

This course is an introduction to test engineering principals with an emphasis on computer-controlled instrumentation and acquisition using the IEEE-488 bus architecture and other protocols. Application software will be written in LabVIEW to test devices using GPIB test equipment. BIST, MTBF, Boundary scan testing, Testing Technologies, Design for Test, Testability, and other related test engineering topics will also be covered. Lab projects will emphasize automated testing using the principles discussed in class.

**GRADING POLICY:**

There are 3 TESTS that make up 40 % of your FINAL GRADE.

The FINAL EXAM counts 20 % of your FINAL GRADE.

The LAB GRADE counts 20 % of your FINAL GRADE.

The FINAL PROJECT counts 15% of your FINAL GRADE.

The DISCUSSION POSTINGS count 5% of your FINAL GRADE.

Your FINAL GRADE will be shown as a letter grade, determined from numerical grades as shown below:

A = 100 - 90 B = 89 - 80 C = 79 - 70

D = 69 - 60 F = below 60

**ATTENDANCE POLICY:**

1. Attend every class.
2. There are NO MAKEUP classes for work missed.
3. Any work missed due to an absence is your responsibility.
4. There are NO MAKEUP tests, handouts, or assignments. All quizzes must be taken on the assigned date and time. If a quiz is missed, and the student has a verifiable excuse (for example: a written medical excuse from a physician), the final exam grade will be used in place of the missed quiz, *as long as the excuse is determined to be acceptable*. Only one quiz may be missed in a semester.
5. Late work may not be graded, and incomplete work is penalized.

Please READ the Attendance Regulations as stated in the SPSU Undergraduate Catalog.

Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the counselor working with disabilities at (678) 915-7244 as soon as possible to better ensure that such accommodations are implemented in a timely fashion.

**It is the policy of the ECET Department that you must pass BOTH the LAB and the LECTURE portion of any course *separately* in order to pass the COURSE.**

Plagiarism **will not** be tolerated and will result in a failing grade.

University and Department rules apply to any situation not covered above.