

**CEN 4010 – Software Engineering I, Fall 2007**  
**Project Deliverable #3 - Software Test Documents & Source Code**  
8 base points / per member, Due December 5 (Wed.)  
**System Demonstration:** 11:00 – 12:00 Undergraduate Lab. December 5

**1. Overview**

- A. Overall description of implemented system
- B. Installation Procedure
- C. CD

**2. Test Documents**

**(1) Test Plan**

- A. What to test
- B. When to test
- C. How to test

**(2) Functional Testing**

- A. Test data design technique(s)
- B. Test cases (input data and expected results)
- C. Actual testing results

**(3) Structural Testing**

- A. Coverage criteria
- B. Test cases (input data and expected results)
- C. Actual testing results

**(4) Integration Testing**

- A. Integration strategies
- B. Test drivers & stubs
- C. Test cases & actual testing results

**(5) System Testing**

- A. Test cases
- B. Actual system testing (demonstration)

**3. Source Code Listing**

- A. List Class by Class
- B. List functions within each class right below its class definition

Standard prologue for function (the following is a template)

Title:	XXX
Purpose:	XXX
Functions Used (or Defined):	XXX
Explanation (algorithm & data structure):	XXX
Author:	XXX
Date:	XXX
Modifications (when & what):	XXX

// provide internal comments for data structures and major control structures  
// use meaningful variable names and proper indentation