

Professor: Dr. Paul West

Course Description: An introduction to the concepts and methods associated with software testing and maintenance. Testing topics to include: testing as part of the requirements for engineering and software design, test plan writing and static and dynamic testing. Maintenance topics to include: an overview of corrective, adaptive, perfective and preventive maintenance activities as well as organizational managerial issues.

Textbook: Software Testing and Analysis. Mauro Pezze and Michal Young. Wiley, 2008.

Contact: email: westpe@cofc.edu

Grading: Normative, Book Assignments (40%), Software Assignments (40%), Tests (20%)

Course Objectives: Provide theory and tools to improve code quality of new and existing software systems. Furthermore, students shall know the appropriate level of testing for any given system.

Academic Integrity: All students are expected to adhere to the College of Charleston Honor Code. All issues with Academic integrity will be handled on a case by case basis and with College policy.

Extra Help: Office Hours: SSM 142, M 1000-1300, 1400-1700, W 1400-1500, F 0700-1300
I respond best via email.

Disability: If you require an accommodation for a disability, please contact me as soon as possible so I can take the appropriate action(s).

Professionalism: Respect for one another and participation are expected in the classroom. Voicing disagreement is encouraged (when genuine) and shall be done with courtesy. Any abusive behavior, or classroom distractions (like cell phones) will not be tolerated.

Important Dates: February 7-12: Exam 1
March 21: Last day to withdraw with a W
April 17: Last day of class
April 18-23: Exam 2