CS 370: Software Engineering  
Fall 2015  
Department of Computer and Information Sciences  
SUNY Polytechnic Institute

Course Information

Class Times:  
Tuesdays and Thursdays, 10 AM to 11:50 AM
Class Location:  
Kunsela Hall C212
Primary Textbook (Required):  
“Code Complete: A Practical Handbook of Software Construction” by Steve McConnell,  
2nd edition, Microsoft Press, 2004  
(ISBN: 0735619670)
Secondary Textbook (Also Required):  
“Balancing Agility and Discipline: A Guide for the Perplexed” by Barry Boehm and Richard Turner,  
(ISBN: 0321186125)
Course Website:  
http://www.cs.sunyit.edu/~realemj/2015fall/cs370/
Additional Reading:  
Posted to course website as needed.
Assignments, class agendas, and useful links/information will be posted to the class website as we progress, so be sure to check it frequently!

Instructor

Instructor:  
Dr. Michael J. Reale
Email/Phone:  
realemj@sunyit.edu / 315-792-7227
Office:  
Kunsela Hall C224
Office Hours:  
After class, by appointment, or between 12:30pm and 3:30pm on Mondays and Wednesdays and most Tuesdays between 12:30pm and 2:30pm
Course Objectives and Student Outcomes

In this course, you will learn about the design, implementation, and testing of a medium-scale software system. We will also discuss professionalism and ethics in software development. This course has the following student outcomes:

1) An ability to identify/define the appropriate computing requirements for a software product and develop a design plan for software

2) An ability to apply design and development principles in the construction of a software product of medium complexity as a team

3) An understanding of practices and methods in software engineering, as well as related professional, ethical, and social issues/responsibilities

Group Project

Unlike most other Computer Science courses, this course will involve a group project. As such, a sizable part of your individual grade will be based on the work that was produced by the team.

Grading

Grades will be based on:

50% Tests and Quizzes
   5% Quizzes
   15% Midterm
   30% Final Exam

50% Final Project (including Requirements, Design, Code, Presentation/Demo, etc.)

Missed quizzes may not be made up.
## Late Assignments

Unless otherwise stated, late assignments will be accepted. Late assignments will be subject to the following time-dependent grade penalty (in addition to whatever points would have been taken off had the assignment been submitted on time):

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<th>Days Late</th>
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<td>ZERO on assignment</td>
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## Academic Honesty

For non-group assignments, your work in this course (including your homework, programs, code, assignments, projects, documentation, quizzes, and exams) should be yours and yours alone. You shall not plagiarize, copy, buy, or steal any of the above in any form from anyone else and submit it as your own work. You shall not cheat in any way, shape, or form on any exams, quizzes, assignments, projects, or homework in this (or indeed any other) course.

Although you will work in a group project where code may be shared, claiming that you are responsible for code you didn’t write will incur severe penalties on your individual grade (up to and including failing the course altogether). Code used from OUTSIDE your team could result in a failing grade for the course, possibly for all team members. Cheating shall be suspected if your work is effectively identical to the work of another, if your answers are stylistically inconsistent, and/or if you are unable to explain the work you submitted. Various penalties for academic dishonesty and violations of the SUNY PI Academic Integrity Policy apply. Evidence of cheating will result in a failing course grade.

At the end of the day, you need to be able to do the work in this course yourself in order to learn the material. You don’t need to cheat to succeed. I have office hours, an email address, and a phone: ask me questions!

Students are also responsible for taking reasonable precautions to prevent copying or dissemination of their assignments.

See the student handbook for more information.
Accommodations for Students with Disabilities
registered at SUNY Polytechnic Institute

In compliance with the Americans with Disabilities Act of 1990 and with Section 504 of the Rehabilitation Act, SUNY Polytechnic Institute is committed to ensuring educational access and accommodations for all its registered students seeking access to meet course requirements and fully participate in programs or activities. SUNY Poly students with documented disabilities and medical conditions are encouraged to request these services by registering with the Disability Services Office and discussing their need for accommodations. For information or an appointment contact Suzanne Sprague, Disability Services Coordinator, at the Disability Services Office, located in room B101 Kunsela Hall or by phone (315) 792-7170; or email Suzanne.sprague@sunyit.edu.