

Queens College, CUNY, Department of Computer Science
Software Engineering
CSCI 370
Spring 2019
Instructor: Dr. Sateesh Mane

Course Website: <http://venus.cs.qc.cuny.edu/~smane/cs370/>

Classes: Tu/Th 10:45 am – 12:00 pm, SB B141; 12:15 – 1:30 pm, SB D133; 3 hr., 3 cr.

Office & Hours: SB A201; Tu/Th 3.30 – 4.30 pm (approx)

Prerequisites: CSCI 220 and CSCI 313.

Textbook: no required text.

Reference texts (optional):

- Ian Sommerville, *Software Engineering*, 10th ed.

Course Description and Learning Goals:

- Principles of software engineering including the software life cycle, reliability, maintenance, requirements and specifications, design, implementation and testing.
- Oral and written presentations of the software design.
- Implementation of one or more programming projects, either individually or in teams.
- **Students will be required to write working programs and software design schematics to implement the projects.**
- **Students will be required to carry out calculations (including design schematics) in class.**
- **Students will be expected to display independent thought**, not simply memorization of formulas.

Grade Policy: The grading policy is as follows.

- The course will consist of a set of projects.
- Due dates for projects will be announced in class.
- Some projects will be done individually, others will require teamwork.
- All members of a team will be expected to explain all aspects of a project.
- Written assignments will also be issued, and will count for 10% of the grade.

Academic Policy: Academic dishonesty such as plagiarism or cheating will be dealt with seriously in accord with the University's policy on academic integrity.

A student caught cheating on any question in an exam, assignment or project will fail the entire course.