Time and Place: Tu/Th 10:50am–12:05pm, Herak 301

Prerequisites: CPSC 122 or consent of instructor

Instructor: Shawn Bowers
   Email: bowers@gonzaga.edu, Office: Herak 309C, Phone: (509) 313-5712

Office Hours: 2:00–3:00pm M–Th. In addition to office hours, I am happy to arrange other times to meet. You can also just drop by my office.

Course Description: This course is an introduction to software engineering that focuses on the principles and practice of professional software development and project management. Topics include software process models, software requirements gathering, software estimation strategies, risk analysis, design methodologies, and validation and verification. Students work on individual and group projects to obtain hands-on experience using current best practices in software engineering.

Course Webpage: http://www.cs.gonzaga.edu/~bowers/courses/cpsc330

Required Textbook:
   Head First Software Development, Pilone and Miles, O’Reilly, 2008

Course Materials: Lecture notes, reading assignments, homework, announcements, and general class information will be made available on the course webpage. Blackboard (http://learn.gonzaga.edu) may also be used for posting grades. The mailing list for the course is available at http://groups.google.com/group/cpsc330-s12. Please see me if you need help accessing the list. Be sure to check the course webpage and email list often for updates.

Grading:
   (15%) Assignments
   (15%) Group project
   (20%) Quizzes
   (30%) Three mid-semester exams
   (20%) Final exam

Opportunities may also be provided throughout the course for extra credit. Letter grades will be assigned based on the standard percentage scales (A: 93-100%, A-: 90-92%, B+: 87-89%, B: 83-86%, B-: 80-82%, C+: 77-79%, C: 73-76%, C-: 70-72%, D+: 67-69%, D: 60-66%, F: 0-59%).

Course Policies:
   Reading Assignments. Reading assignments are required (unless otherwise noted). Each reading assignment should be completed before the following class meeting.
**Homework and Project Assignments.** All assignments must be turned in during the scheduled class period of the given due date. Late assignments will be assessed a **penalty of 25%**, and must be turned in no longer than **one week** after the due date (to receive credit) unless prior arrangements are made with the instructor. It is expected that you work on homework and programming assignments **individually** and that you **turn in your own work** (unless stated otherwise by the instructor).

**Exams and Quizzes.** Makeup exams will only be given in cases of medical, personal, work-related, or other emergencies. If an emergency arises and you are going to miss an exam, contact me as soon as possible (prior to the exam) to arrange an alternative exam time. **No makeup quizzes will be given.** Quizzes are generally worth 10 points each, and quizzes are worth 20% of your final grade. If you miss a quiz, you will receive 0 points for that quiz.

**Attendance.** It is important that you attend class. The Gonzaga University Catalog states that 4 absences (for courses meeting twice a week) constitute a grade of V. If an **extraordinary** situation (medical, personal, work-related, or other **emergency**) prevents you from working for an extended period of time, contact me as soon as possible to discuss your situation and to arrange a special schedule (if appropriate).

**Academic Honesty:** You are expected to follow the university policy on academic honesty. Examples of academic dishonesty regarding programming assignments include: turning in the work of another student and representing it as your own work, knowingly permitting another student to turn in your work, copying code from another student, and deliberately transforming borrowed sections of your code to disguise its origin. Note that you can still have **general** discussions about assignments, e.g., concerning requirements, debugging approaches, and the general ideas involved in an assignment. When in doubt about the policy, please ask for clarification. If it has been determined that a violation has occurred, then the following actions will be taken. If it is a first offense, a 0 will be assigned to all students involved (i.e., “copier” and “copy-ee”). A subsequent violation will result in a grade of F in the course.

**Use of Electronic Devices in Class:** Please do not make inappropriate use of electronic devices during class times (e.g., laptops, tablets, or phones). These devices should not be used during class to browse the web, text or instant message, check email, etc. Also, please be sure to put your phone in “silent” mode during class. Inappropriate use of an electronic device will likely result in the loss of its use in the class for the remainder of the semester.

**Office Hours:** You are strongly encouraged to take advantage of office hours and/or stop by or make an appointment to meet with me if you have questions about the course material. I am more than happy to help you, and office hours are a great way to ask questions and get one-on-one help with the material.

**Accommodation Support:** Students in need of academic accommodations should contact me as soon as possible to arrange support. Students are encouraged to contact the Disabilities Resources Education and Access Management (DREAM) office in the Foley library to develop accommodation strategies. I am happy to implement any plan that you work out with this office.