

Syllabus
Software Engineering Methodology
CS 6/73901
Spring 2017

Instructor Information

Dr. Gregory S. DeLozier

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Office Hours: 6-7PM 9:45-10:45PM MW in classroom or as requested

Outcomes and Expectations

Students in this course will learn the concepts and methods of software engineering in a practical, hands-on setting.

- Learn some real-world practices & tools
- Learn software engineering concepts
 - The practice of designing and building software
 - Connecting software to business needs
- Learn some project management skills
 - Agile Methodologies
 - Project Management
- Create a commercial-grade software product
 - Form a company
 - Do something useful on the web
 - Make something useful on the web
 - Market and launch the product

Required and Optional Textbooks and Materials

There is no required textbook. There will be reading assigned from web, academic, and industry sources.

Additional online reading will be assigned.

An account at www.pythonanywhere.com is required. This costs \$5/month.

An account at DigitalOcean will be required. This cost is variable, expect about \$20/month.

A personal computer running Python and Chrome or Firefox is required.

Course Prerequisites

This course requires basic programming skills. Familiarity with Python and web programming is useful. Students who do not have this experience will need to learn these as we go. This may be challenging.

This course also requires basic familiarity with Unix/Linux shell concepts. These can be caught up as we go, but they are not extensively taught in class.

Enrollment/Official Registration

The official registration deadline for this course is 1/22/2017. University policy requires all students to be officially registered in each class they are attending. Students who are not officially

registered for a course by published deadlines should not be attending classes and will not receive credit or a grade for the course. Each student must confirm enrollment by checking his/her class schedule (using Student Tools in FlashLine) prior to the deadline indicated. Registration errors must be corrected prior to the deadline.

General Class Calendar

Lectures: Monday, Wednesday, 7:00-8:15

Topics:

Final: TBD

Withdrawal Deadline

The course withdrawal deadline is 3/26/2017.

Grading Policy

Homework. Homework is not accepted late.	20%
Midterm. Online, open handwritten notes.	20%
Class project done and launched.	40%
Final exam. In class, open handwritten notes.	20%

Letter Grades: 90% = A, 80% = B, 70% = C, etc.

Class Attendance Policy

Students are encouraged to attend class. If class is missed, students are still responsible for course content, notes, etc. The class slides are _not_ guaranteed to cover all important content from the class session.

There may be extra credit opportunities during class sessions. These will not be announced in advance.

Cheating and Plagiarism

University policy 3-01.8 deals with the problem of academic dishonesty, cheating, and plagiarism. None of these will be tolerated in this class. The sanctions provided in this policy will be used to deal with any violations. If you have any questions, please read the policy at

<http://www.kent.edu/policyreg/administrative-policy-regarding-student-cheating-and-plagiarism>

or ask me at any time.

Students with Disabilities

University policy 3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).

Additional Class Policies

Class Conduct

- The usual rules about adult behavior apply.
- Keep the laptop and phone distraction to a minimum when we're doing things together.
- We will have one or two breaks. If you need to leave between breaks, be discreet.

Extreme Circumstances

- If something unusual is happening at the university, we might not have class if the university is closed.
- If something unusual happens to me, and I'm not here by 7:30, we won't have class.
- If either one of these happens, adjusted homework and lecture notes will be posted on the web within 24 hours. You will still be responsible for getting assignments done.