

CS-685 Software Project

Fall 2020 - Syllabus and Information

Contact Your Instructor

Name: *Robert Sternfeld*

Email: *robert.sternfeld@indstate.edu*

Office: Root Hall (RO), A-180 (literature/linguistics wing, but NO ACCESS; use Zoom)

Course Website: <http://cs.indstate.edu/~sternfl/685/s2.html>

CS Server Instructor/Class Directories

cs.indstate.edu: `/u1/h0/sternfl/685`

Lecture

TR 3:30pm - 4:45 am Root Hall (RO) A017 (Mostly virtual; come to 017 for help)

Final Exam:

T 12/08/2020 3:00am

Instructor Office Hours

M-F 10:00am - 11:00am virtual on Zoom

The above are my official office hours. If those times will not work for you, you may contact me so we can set up an alternative time to meet.

Computer Resources:

CS Unix Lab:

Root Hall (RO), A-015 (basement, just west of west stairwell, first door on the left).

Graduate Assistant Tutoring:

See <http://cs.indstate.edu/info/labs.html>

Restrictions:

Graduate standing

The majority of this course will be run through the course website linked at the top of this document. Bookmark this page. The course website contains announcements, a schedule of due dates, course assignments, lecture materials, and even links to exams and projects. You should check this site daily if possible, but twice a week at minimum to ensure that you do not miss an assignment.

Course Announcements

Announcements regarding the course will be posted under the *Announcements* section of the course website. Announcements may also be made during class (if applicable), via Mattermost Chat, or via your ISU sycamores email account. You should regularly check your email account or have it forwarded to an account that you check regularly. The *Announcements* section of the course website should be the most comprehensive list of any and all course activity, so check it regularly.

Classroom Conduct

You may not use cell phones, iPods/music players, etc. during class unless otherwise stated. If I can hear your headphones that means you are being disruptive, and if I have to ask you to turn down a device more than once, you may be asked to leave that day's lecture. You should be civil and respectful to both the instructor and your classmates, and you should arrive to class a few minutes before the scheduled lecture so you are ready for lecture to begin on time. You may use your computer during class if you are using it to follow along with the examples that are being discussed. You may not check social media or work on other courses, etc. during class. Do not consume or share any inappropriate material at any time. Be professional so that you may become a professional.

Ethics

The intentional or malicious use of systems, software, or application settings, to undermine another student's educational experience will not be tolerated and may warrant extreme academic consequences on par with plagiarism. Malicious tampering with user accounts, settings, or systems of students, instructors, or any other group or individual will be penalized similarly.

Course Information

Course Number: CS-685

Course Name: Programming Fundamentals

Course CRN: section 002: 53778

Credit Hours: 3.0

Course Catalog Description:

The total development of an advanced software project in areas such as artificial intelligence, expert systems, data bases, data communications, operating systems, compilers, assemblers, coding theory, graph theory, word processors, and editors.

Course Outline

Problem Definition

Design

Coding

Rework

Write ups and Presentations

Learning Outcomes

Be able carry out the design and implementation of a “large” project.

Be able to describe and explain your solution.

Be able to answer questions from the audience.

Course Work

Your grade will be determined by how well you do your course work.

There are four types of class work.

Class participation. I will keep track of your answers to my questions. Each student should participate at least once a week. A good bit of class participation will be virtual using Zoom.

Reading. Before class you will use a browser to read assigned sections of the class website. No points, but what you learn will help you with class participation, with quizzes and tests, and with making Web pages.

Homework. You will log onto the cs server, cs.indstate.edu, and work on your projects and write-ups. These files should be in your home directory.

Grades

Write-ups and Presentations

Item	Percent
class presentations	20%
Interim write ups	20%
Project Demonstrations	20%
Final write up and Demo	40%

CS Course Policies

Note that this course follows all standard CS course policies. In particular check the CS course policies related to - cheating/plagiarism, attendance, missing exams. See <http://cs.indstate.edu/info/policies.html> for details.

Late Work

Late work may well not be graded. Get Help: Contact me via email or chat if you need help. **If you begin to struggle or fall behind, contact me as soon as possible. Do not wait until the end of the semester; that will be far too late!**

Start Homeworks Early

We suggest attempting a homework assignment the day it is given, or the day after, so that if you have a problem you can ask early. If you continue to have problems in trying to complete the assignment, you will have time to ask again. Many of the homework assignments require thought and problem solving, which takes “time on the calendar” not just “time on the clock”. By that we mean that spending two hours on 3 consecutive days may be more productive than trying to spend 6 hours at once on the assignment.

Blackboard

The course has a blackboard site. Click [here](#) to go to blackboard. You should see this course listed under your courses for the current term. The blackboard site is only used for giving you your grades (go to the course in blackboard, then click “My Tools”, and then “My Grades”). All course content, schedule, etc. is kept in this google doc (which you are currently viewing).

Academic Integrity

Follow the standard CS course policies in terms of what is and is not allowed on assignments:
<http://cs.indstate.edu/info/policies.html>

Please ask the instructor if you have doubts about what is considered cheating in this course.

Special Needs / Student Disabilities

Standard language included in the syllabi for ISU courses.

Indiana State University recognizes that students with disabilities may have special needs that must be met to give them equal access to college programs and facilities. If you need course adaptations or accommodations because of a disability, please contact us as soon as possible in a confidential setting either after class or in my office. All conversations regarding your disability will be kept in strict confidence. Indiana State University's Student Support Services (SSS) office coordinates services for students with disabilities: documentation of a disability needs to be on file in that office before any accommodations can be provided. Student Support Services is located on the lower level of Normal Hall in the [Center for Student Success](#) and can be contacted at 812-237-2700, or you can visit the ISU website under A-Z, [Disability Student Services](#) and submit a Contact Form. Appointments to discuss accommodations with SSS staff members are encouraged.

Once a faculty member is notified by Student Support Services that a student is qualified to receive academic accommodations, a faculty member is obligated to provide or allow a reasonable classroom accommodation under ADA

Disclosures Regarding Sexual Misconduct

Standard language included in the syllabi for ISU courses.

Indiana State University fosters a campus free of sexual misconduct including sexual harassment, sexual violence, intimate partner violence, and stalking and/or any form of sex or gender discrimination. If you disclose a potential violation of the sexual misconduct policy I will need to notify the Title IX Coordinator. Students who have experienced sexual misconduct are encouraged to contact confidential resources listed below. To make a report or the Title IX Coordinator, visit the Equal Opportunity and Title IX website: <http://www.indstate.edu/equalopportunity-titleix/titleix>.

The ISU Student Counseling Center – HMSU 7th Floor | 812-237-3939 | www.indstate.edu/cns

The ISU Victim Advocate – Trista Gibbons, trista.gibbons@indstate.edu

HMSU 7th Floor | 812-237-3939 (office) | 812-230-3803 (cell)

Campus Ministries - United Campus Ministries | 812-232-0186

<http://www2.indstate.edu/sao/campusministries.htm>

www.unitedcampusministries.org | ucmminister2@gmail.com

321 N 7th St., Terre Haute, IN 47807

For more information on your rights and available resources

<http://www.indstate.edu/equalopportunity-titleix/titleix>

