

CSE 820, Summer 2020

Instructor: Dr. Mahfuza Farooque (mff5187@psu.edu)

This is one of the two required capstone courses in the MEng program.

Zoom Classes:(10% of semester grade)

In this class, we will discuss work breakdown structures and system decomposition in detail by working a problem throughout the day to the point that the problem is time estimable and nearly code-ready. This class is required and is worth 10% of your semester grade.

Watching Video Lectures (35% of semester grade)

(points shown are relative rankings only)

A very good way to assess the depth of attention paid to the course material is to have you create multiple-choice questions based on the material or have to write a report. This aspect of the course is worth 35% of your course grade and must be taken seriously.

You have to watch entire video lectures carefully and have to write a report (at most 3 pages long) or have to submit four multiple-choice questions, each with 1 correct answer indicated, and 4 answers which seem plausible but are incorrect.

Textbooks

- Introduction to Software Project Management *By Adolfo Villafiorita* (available as an E-Book under [Library Resources](#))
- [A Brief Introduction to Software Development and Quality Assurance Management](#) (99 cents; about 30 pages)

For each Video lecture:

You have to watch entire video lectures. For some video, you need to write a report or you have to submit multiple-choice questions. **You will get 70% points from writing a report or by submitting multiple-choice questions and 30% points you will get by reviewing and giving an honest opinion about your class-fellows work.**

Writing a report:

If you need to write the report, the length of the pages should be at most 3 pages. Your report will review by another class fellow. If you get points for both writing the report and reviewing the paper. When you will review your class fellow's work, please check whether the report covers everything from the entire lectures. *If your reports do not indicate that you watched the entire video, you will receive a substantially reduced grade.*

Submitting 4 multiple choice questions:

Submit four multiple-choice questions, with 1 correct answer indicated, and 4 answers which seem plausible but are incorrect. Include the point (or points) in the video [minutes/seconds] from where the question derives, OR the page number (or position indicator) if not a video. *If your questions do not indicate that you watched the entire video, you will receive a substantially reduced grade.*

Project and Final Exam: (30+25=55%)

In this class, we will take a sample project and create project documents based on the methods shown in the coursework. Your report will be reviewed by your class-fellows and by me. You will also have to give a short presentation of your work.

Final Exam will be on August 10th at 1 pm.

IMPORTANT: Do not rely on CANVAS to calculate your grade. Only consider CANVAS as the place where your grades are stored. CANVAS will almost assuredly not calculate your grade properly.

Emergency situations:

Information on what to do when facing an emergency or crisis situation can be obtained from the [Office of Student and Family Services](#).

Accessibility Statement:

Penn State welcomes students with disabilities into the University's educational programs. Every Penn State campus has an office for students with disabilities. The Student Disability Resources Web site provides contact information for every Penn State campus. For further information, please visit the Student Disability Resources Web site. In order to receive consideration for reasonable accommodations, you must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with an accommodation letter. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. You must follow this process for every semester that you request accommodations.

Academic Integrity:

The University defines academic integrity as the pursuit of scholarly activity in an open, honest, and responsible manner. All students should act with personal integrity, respect other students' dignity, rights and property, and help create and maintain an environment in which all can succeed through the fruits of their efforts (refer to Senate Policy 49-20). Dishonesty of any kind will not be tolerated in this course. Dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor or tampering with the academic work of other students. Students who are found to be dishonest will receive academic sanctions and will be reported to

the University's Office of Student Conduct for possible further disciplinary sanctions (refer to Senate Policy G-9). The department's academic integrity policy also applies; see it here: <http://www.eecs.psu.edu/students/resources/EECS-CSE-Academic-Integrity.aspx>

Statement on Nondiscrimination & Harassment (Policy AD42):

The Pennsylvania State University is committed to the policy that all persons shall have equal access to programs, facilities, admission and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by University policy or by state or federal authorities. It is the policy of the University to maintain an academic and work environment free of discrimination, including harassment. The Pennsylvania State University prohibits discrimination and harassment against any person because of age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identity or veteran status. Discrimination or harassment against faculty, staff or students will not be tolerated at The Pennsylvania State University. You may direct inquiries to the Office of Affirmative Action, 328 Boucke Building, University Park, PA 16802-5901; Tel 814-865-4700/V, 814-863-1150/TTY. For reference to the full policy (Policy AD42: Statement on Nondiscrimination and Harassment): <http://guru.psu.edu/policies/ad85.html>

Counseling & Psychological Services (CAPS) Statement:

Students who experience personal issues that interfere with their academic performance, social development or satisfaction at Penn State are encouraged to seek confidential assistance from Counseling and Psychological Services (CAPS) Center (<http://studentaffairs.psu.edu/counseling/>). They can be reached at (814)863-0395. Some of the more common concerns they can help with include anxiety, depression, difficulties in relationships (friends, roommates, or family); sexual identity; lack of motivation or difficulty relaxing, concentrating or studying; eating disorders; sexual assault and sexual abuse recovery; and uncertainties about personal values and beliefs. Crisis intervention is available from Centre County CAN HELP (<http://centrecountypa.gov/index.aspx?NID=593>) at 1-800-643-5432, 24 hours a day, seven days a week.