Description: Project management is about getting projects done. This course walks through fundamental project management concepts and skills needed to successfully initiate, lead, monitor, control, and realize projects execution. Successful project managers skillfully manage their scope, resources, schedules, and risks to produce a desired outcome. In this course, students explore project management with a practical approach through case studies and group projects.

Learning Objectives:

• Manage the basic concepts and skills in project management and apply them to case study and real world project management.

• Demonstrate effective project selection, development, execution, control, and terminate techniques that result in successful projects.

• Demonstrate a strong working knowledge of ethics and professional responsibility.

• Demonstrate leadership, team building, and team work skills.

Office Hour: Wednesdays 2-4PM, 1420 Old Computer Science, appointment link.

Teaching Assistant: Yiyi Wang, yiyi.wang@stonybrook.edu; Office hour: Friday 9AM-1PM, Technology and Society department computer lab.

Main References: This is a restricted list of various interesting and useful books that will be touched during the course. You need to consult them occasionally, but they are optional.


Tentative Course Outline:

1. (Jan 24) Introduction

2. (Jan 31) Scoping

3. (Feb 7) Project team/stakeholders

Note: The syllabus is up to change, please check blackboard for updates. Material for this course benefits from course material shared by Project Management Institute and many others. All errors are my own.
4. (Feb 14) Scheduling
5. (Feb 21) Budgets and costs
6. (Feb 28) Risk management
7. (Mar 7) Mid-term
8. (Mar 14) Spring recess
9. (Mar 21) Resource planning and management
10. (Mar 28) Project monitoring and control
11. (April 4) Project closure and termination
12. (April 11) Why projects fail
13. (April 18) Recap, professional responsibility and preparation
14. (April 25) Presentations: group project
15. (May 2) Presentations: group project

**Grading Policy:** Participation(10%), Homework(30%), Mid-term(20%) Group project proposal (10%), Group presentation (30%).

**Class Policy:** Late submission: One point is subtracted for each 24-hour submitted late (rounded up to the nearest integer). One free late day is allowed of your choice. Request an approval for sick leave and a doctors note might be needed by University policy. Laptop or other electronic devices for class purpose only.

**Academic Integrity:** “Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person’s work as your own is always wrong. Any suspected instance of academic dishonesty will be reported to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the Academic Integrity website.

**Disability Support Services:** “If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC(Educational Communications Center) Building, Room 128, (631)632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.”

**Critical Incident Management:** “Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of University Community Standards any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students’ ability to learn.”

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