

## IE590 Project Management (Spring 2022)

Purdue School of Industrial Engineering, TTr 9:00-10:15AM, Wang Hall 2599

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**Course website (Brightspace):** [purdue.brightspace.com](http://purdue.brightspace.com)

**Instructor:** Seokcheon Lee, [stonesky@purdue.edu](mailto:stonesky@purdue.edu), [lee46@purdue.edu](mailto:lee46@purdue.edu)  
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**Course objective:** To deliver concepts and skills that are used to propose, plan, secure resources, budget, and lead project teams to successful completion of the project.

**Course description:** Students will learn the concepts and techniques in enough detail to be immediately useful in project situations. We will address major questions and challenges in project management including: How should projects be prioritized? What factors contribute to project failure and success? How do project managers orchestrate the complex network of relationships involving vendors, subcontractors, project team members, senior management, functional managers, and customers that affect project success? What project management system can be set up gain some measure of control? How are projects managed when the customers are not sure what they want?

**Course structure:** The class is organized in five parts (following the structure of the textbook): Overview (Ch 1-3), Defining the project (Ch 4-5), Project software (MS Project), Project scheduling and management (Ch 6-9), Performance measurement (Ch 13).

**Pre-requisites:** None

**Textbook (required):** Eric W. Larson and Clifford F. Gray, "Project Management: The Managerial Process," 7th or 8th Edition, McGraw-Hill.

**Class software:** Microsoft Project

**Handouts:** Handouts will be posted in Brightspace system.

**Homework:** Roughly 6-7 assignments.

**Exams:** Two exams.

**Grading:** HW (40%), Exam 1 (30%), Exam 2 (30%).  
Cutoffs: 90 (A), 80 (B), 70 (C). (+/- will be applied between cutoffs)

**Classroom safety guidelines:** Stay home and contact the Protect Purdue Health Center (496-INFO) if you feel ill, have fever, or display any symptoms associated with COVID-19; Wear a mask properly covering the mouth and nose at all times in the classroom; Do not eat or drink in the classroom; Robust hygiene is expected before, during, and after class.

**Academic guidance in event of quarantine/isolation:** If you must miss classes due to quarantine/isolation, reach out to me via email so that we can communicate about how you can maintain your academic progress. If you find yourself too sick to progress in the course, notify me via email. We will make arrangements based on your particular situation.

**Emergency preparation:** In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor's control. Relevant changes to this course will be posted onto the course website or can be obtained by contacting the instructors or TAs via email or phone. You are expected to read your @purdue.edu email on a frequent basis.

**Academic integrity:** Academic integrity is one of the highest values that Purdue University holds. Individuals are encouraged to alert university officials to potential breaches of this value by either emailing integrity@purdue.edu or by calling 765-494-8778. While information may be submitted anonymously, the more information is submitted the greater the opportunity for the university to investigate the concern. More details: Brightspace under University Policies.

**Nondiscrimination statement:** Purdue University is committed to maintaining a community which recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her own potential. In pursuit of its goal of academic excellence, the University seeks to develop and nurture diversity. The University believes that diversity among its many members strengthens the institution, stimulates creativity, promotes the exchange of ideas, and enriches campus life. More details: Brightspace under University Policies.

**Accessibility:** Purdue University strives to make learning experiences as accessible as possible. If you anticipate or experience physical or academic barriers based on disability, you are welcome to let me know so that we can discuss options. You are also encouraged to contact the Disability Resource Center at: drc@purdue.edu or by phone: 765-494-1247. More details: Brightspace under University Policies.

**Mental Health Statement:** If you're struggling and need mental health services, Purdue University is committed to advancing the mental health and well-being of its students. If you or someone you know is feeling overwhelmed, depressed, and/or in need of mental health support, services are available: Contact Counseling and Psychological Services (CAPS) at 765-494-6995 during and after hours, on weekends and holidays, or by going to the CAPS office of the second floor of the Purdue University Student Health Center (PUSH) during business hours.

**Emergency procedure:**

- For any emergency call 911. There are nearly 300 Emergency Telephone Systems throughout campus that connect directly to the Purdue Police Department (PUPD). If you feel threatened or need help, push the button and you will be connected to the PUPD.
- If we hear a fire alarm we will immediately evacuate the building and proceed to Northwestern Parking Garage. Do not use the elevator.
- If notified of a Shelter in Place requirement for a tornado warning we will shelter in the lowest level of this building away from windows and doors. Our preferred location is First Floor of Wang.
- If notified of a Shelter in Place requirement for a hazardous materials release we will shelter in our classroom shutting any open doors and windows.
- If notified of a Shelter in Place requirement for a civil disturbance such as a shooting we will shelter in a room that is securable preferably without windows. Our preferred location is our classroom.