

## **Project Management (Spring 2025)**

**CRN 33249:** MWF: 9:30 AM – 10:20 AM in ARMS B061

**CRN 69826:** MWF: 3:30 PM – 4:20 PM in STEW 314

### **Course Information**

- IE 59000
- CRN 33249 and 69826
- 3 credit hours
- Course website: [purdue.brightspace.com](http://purdue.brightspace.com)
- Modality: Lecture/Face-to-Face

### **Instructor Information**

- **Lawrence Crynes, PhD**
- [lcrynes@purdue.edu](mailto:lcrynes@purdue.edu)
- Office Location: GRIS 245
- Zoom: <https://purdue-edu.zoom.us/j/6665331946>
- Office Hours: Monday and Friday, 1:30 to 2:30 pm (GRIS 245)
- *Email is the best way to contact me. Please put the course title and CRN number in the subject.*

### **Teaching Assistant(s)**

#### **CRN 69826: Siddharth Iyer**

[iyer171@purdue.edu](mailto:iyer171@purdue.edu)

Email: [iyer171@purdue.edu](mailto:iyer171@purdue.edu)

Mobile: (765) 409-0609

Zoom: <https://purdue-edu.zoom.us/j/95421395778>

Office Hours: Tuesday 2:30 pm - 4:30 pm (GRIS 157C)

#### **CRN 33249: Mrunmayi Shirish Bhide**

Email: [mbhide@purdue.edu](mailto:mbhide@purdue.edu)

Zoom: TBD

Office Hours: TBD

### **Objective**

The objective of this course is to provide a basic understanding of project management with an emphasis on technology and engineering contexts. By the end of the course, students should be familiar with the principles and tools necessary to plan a project, execute a project, and lead a project team.

## Course Description

Students will learn the concepts and techniques to manage basic projects and project teams. The course will cover fundamental project management topics including

- Role and responsibilities of a Project Manager
- Methodologies and systems available to manage projects
- Management of project resources, scope, schedule, and budget
- Common challenges and factors contributing to project failure and success
- Navigating the network of stakeholders; balancing competing needs; and addressing ambiguities; where stakeholders include customers, vendors, subcontractors, project team members, and management

## Course structure

The class utilizes lecture modality and is generally 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).

The class schedule with topics, assignments, and assessments will be posted separately in Brightspace.

**Pre-requisites** None

## Learning Resources, Technology & Texts

- **Textbook:** New York: McGraw-Hill Irwin. (Project Management: A Socio-Technical Approach (2024) By Erik Larson, Clifford Gray and Pinyarat Sirisomboonsuk 2024 (**Online version of McGraw Hill Connect is required for assignments and quizzes.**)
- **Brightspace:** Brightspace will be used for homework submittals, handouts, announcements, discussions, and other course activities.
- **Software:** Microsoft Project (available through Purdue/Microsoft Azure)

## Assessment

**Grading:** HW (30%), Quizzes (10%), Exam 1 (30%), Exam 2 (30%).

Final letter grades are assigned on the following scale based on the total percentage of the accumulated points: A+ ( $\geq 97\%$ ) | A ( $\geq 90\%$ ) | B+ ( $\geq 87\%$ ) | B ( $\geq 80\%$ ) | C+ ( $\geq 77\%$ ) | C ( $\geq 70\%$ ). The lowest HW and quiz grades will be dropped.

The instructor reserves the right to modify assessments and the grading scale.

**Homework:** Homework is posted and submitted on Brightspace. No late homework will be accepted unless students have University Excused Absences. You must notify the instructor 1 week in advance of the due date. Students are encouraged to work with other students unless indicated otherwise on specific assignments.

**Exams:** Exams will be in person, closed notes, closed laptop, no cell phones. Make up exams are only available with University Excused Absences. You must notify the instructor 1 week in advance of the exam date.

**Attendance/Deadline Extension:** Attendance is strongly encouraged to maximize learning from in-class discussions and activities. University Excused Absences <https://www.purdue.edu/advocacy/students/absences.html> can be used to postpone deadline for homework and make up exams. Please contact the instructor if you are using one of the University Excused Absences. Any foreseeable (non-emergency) University Excused Absences must be notified to the instructor no later than a week prior to the exam date or homework due date.

**Classroom Ethics:**

Ethical and courteous behavior is expected of every student during homework, exams, and regularly scheduled classes. Please remember the following items:

- **Cell phones** must be switched off. Talking, texting, or any other use is not permitted.
- **Avoid** arriving late, leaving early, leaving & re-entering the class during a lecture.
- **Laptops** will be permitted except when specifically stated otherwise such as for quizzes and tests. The instructor reserves the right to modify this recommendation.

**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](mailto: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.

**Nondiscrimination Statement:**

Purdue University is committed to maintaining a community that 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 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. See Purdue's full Nondiscrimination Policy Statement.

**Mental Health/Wellness Statement:**

If you find yourself beginning to feel some stress, anxiety and/or feeling slightly overwhelmed, try Therapy Assistance Online (TAO), a new web and app-based mental health resource available courtesy of Purdue Counseling and Psychological Services (CAPS). TAO is available to students, faculty, and staff at any time. If you need support and information about options and resources, please contact or see the Office of the Dean of Students (ODOS). Call 765-494-1747.

If you find yourself struggling to find a healthy balance between academics, social life, stress, etc., sign up for free one-on-one virtual sessions with a Purdue Wellness Coach at RecWell. Student coaches

through barriers and challenges toward your goals throughout the session. Sign up is free and can be done on BoilerConnect.

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. For help, such individuals should contact Counseling and Psychological Services (CAPS) at 765-494-6995 during and after hours, on weekends and holidays.

**Basic Needs Security:**

Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact the Dean of Students for support. There is no appointment needed, and Student Support Services is available to serve students 8 a.m.-5 p.m. Monday through Friday.