



ISEN 6920 - Project Management

Fall 2026 Syllabus, Section 01, CRN 42734,

Credit hours: 3

Instructor

Zefeng Lyu

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Public Instructor Information

Instructor Title: Assistant Professor

Instructor Professional Qualifications: Ph.D., Industrial Engineering, University of Tennessee, 2023

Instructor Office Location: Moser Hall 2442

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Course Description

6920. Project Management. Methods for planning, organizing, scheduling, supporting, and controlling projects. Network techniques, including CPM, PERT, and time-cost trade-off analysis. Techniques for the estimation of time, manpower, and other resource requirements of the projects, including economic and statistical analysis, forecasting, learning curves, and line balancing. Management of time and other resources involved. Case studies and utilization of computer resources for the analysis and presentation of projects. Prereq.: graduate standing in STEM college. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Project Management: A Strategic Managerial Approach	Jack R. Meredith, Scott M. Shafer	978-1-119-80381-2

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Projects in Contemporary Organizations		
8/31	Project Strategy and Selection		
9/7	The Project Manager		
9/14	Managing for Stakeholders and Resolving Conflicts		
9/21	The Project in the Organizational Structure		
9/28	Activity Planning: Traditional and Agile		
10/5	Budgeting and Risk Management		
10/12	Mid-term Exam (Online)		
10/19	Scheduling		
10/26	Resource Allocation		
11/2	Monitoring and Information Systems		
11/9	Project Control		
11/16	Project Auditing		
11/23	Project Closure and Benefits Realization		
11/30	Project Presentation & Final Exam (Online)		

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.