



浙江大學

MGMT908
Project Management

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Project Management

Instructor Contact Details

Lecturer-in-charge: TBA

Email: wlwyxy_29@zju.edu.cn

Office location: Huajiachi Campus, Zhejiang University

Consultation Times: to be announced, and by appointment

Teaching Times and Locations

The Time and Location: TBA, Huajiachi Campus, Zhejiang University

Lecture sessions include lectures, seminars, field trip(s) as well as in-class activities.

Academic Level

Postgraduate

Units of Credit

The course is worth 6 units of credit

Contact Hours

The course contains a total of 53 contact hours, which consists of an orientation meeting, 13 lecturing seminars, a revision day, a field trip and a final exam. Each seminar is 180 minutes in length, while the field trip is 300 minutes and the final exam costs 120 minutes. Students will receive an official transcript which is issued by Zhejiang University when completing this course.

Credit Hours

The number of credit hours of this course equals to the credits of a standard semester-long Australian university course.

Course Description:

This course introduces students to the relevant aspects of project management and engineering practice required for a successful transition from formal education to professional practice. As the industry becomes more "project-centric", employers are looking for engineers with rich project management knowledge, skills and capabilities, consistent with sustainability principles and ethical standards, to apply to "real world projects". This unit focuses on real-world engineering projects and benefits students by enhancing their abilities and employability skills. In this unit, students learn (1) to study and analyze a real-world engineering project in which key concepts and theories of sustainable development and ethical project management are applied -- a rigorous analysis of the project by applying a globally recognized project lifecycle framework; (2) Identify and analyze problems encountered in each stage of the project, and establish relevant inferences; (3) To make recommendations in order of priority based on the benefits and consequences of the recommendations; (4) Analyze the input and impact of project stakeholders and conduct corresponding management. By actively participating in group meetings, sharing group coordination and leadership skills, and learning how to negotiate and resolve conflicts, students can improve their interpersonal skills. Students also connect with key industry representatives, giving them the opportunity to build professional relationships.

Prerequisite:

N/A

Learning Resources

Larson E W and Gray C F, Project Management - The Managerial Process, McGraw Hill, 6th edition (2014).

Hartley, S. Project Management: Principles, Processes and Practice, 2nd edn: Pearson Education Australia 2009

Learning Objectives

By the end of this course you should be able to:

- Evaluate sustainable project management theories and frameworks and apply them to 'real world projects'
- Use critical path and critical chain methods to plan project delivery.
- Apply learning in the management of project resources and teams.
- Use a variety of monitoring and financial tools to manage the delivery of quality project outcomes.
- Formulate effective communication strategies (both written and oral) to correspond successfully with a wide range of project stakeholders
- Evaluate the main normative ethical theories and apply them to specific 'real world projects'

Course Delivery:

The following course will be taught in English and it will comprise of lectures, tutorials, projects, presentations and group activities. In addition to these, there will also be guest speakers and optional field trips available for students who would like to enhance their learning experience. The course will be delivered within 13 sessions, with each session totaling 3 hours-inclusive of both the lecture and tutorial. These sessions will be running during weekdays, Monday to Friday. Students are expected to engage in class discussions and work cooperatively during group work.

Topics and Course Schedule:

Topic	Activities
Orientation	
The fundamentals of project management, concepts, life cycle,	Lecture; Tutorial

roles and responsibilities in project management	
Teams and estimation	Lecture; Tutorial
Project setup	Lecture; Tutorial
Project planning - time and people	Lecture; Tutorial
Project planning - resources	Lecture; Tutorial
Seminar	
Project risk analysis	Lecture; Tutorial
Project risk analysis (Continued)	Lecture; Tutorial
Midterm exam	
Alternative approaches to project planning	Lecture; Tutorial
Project Monitoring and Control	Lecture; Tutorial
Socio-cultural aspects of project management, leadership, stakeholders and communications	Lecture; Tutorial
Project selection	Lecture; Tutorial
Project procurement and close down	Lecture; Tutorial
review Exercises	Lecture; Tutorial
Revision	
Final exam	

Assessments:

Quiz	20%
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Individual Essay	30%
Group Project	35%
Research and case study	15%

Grade Descriptors:

HD	High Distinction	85-100
D	Distinction	75-84
Cr	Credit	65-74
P	Pass	50-64
F	Fail	0-49

High Distinction 85-100

Treatment of material evidences an advanced synthesis of ideas

Demonstration of initiative, complex understanding and analysis

Work is well-written and stylistically sophisticated, including appropriate referencing, clarity, and some creativity where appropriate

All criteria addressed to a high level

Distinction 75-84

Treatment of material evidences an advanced understanding of ideas

Demonstration of initiative, complex understanding and analysis

Work is well-written and stylistically strong

All criteria addressed strongly

Credit 65-74

Treatment of material displays a good understanding of ideas

Work is well-written and stylistically sound, with a minimum of syntactical errors

All criteria addressed clearly

Pass 50-64

Treatment of material indicates a satisfactory understanding of ideas

Work is adequately written, with some syntactical errors

Most criteria addressed adequately

Fail 0-49

Treatment of ideas indicates an inadequate understanding of ideas

Written style inappropriate to task; major problems with expression

Most criteria not clearly or adequately addressed

Academic Integrity

Students are expected to uphold the university's academic honesty principles which are an integral part of the university's core values and principles. If a student fails to observe the acceptable standards of academic honesty, they could attract penalties and even disqualification from the course in more serious circumstances. Students are responsible for knowing and observing accepted principles of research, writing and any other task which they are required to complete.

Academic dishonesty or cheating includes acts of plagiarism, misrepresentation, fabrication, failure to reference materials used properly and forgery. These may include, but are not limited to: claiming the work of others as your own, deliberately applying false and inaccurate information, copying the work of others in part or whole, allowing others in the course to copy your work in part or whole, failing to appropriately acknowledge the work of other scholars/authors through acceptable referencing standards, purchasing papers or writing papers for other students and submitting the same paper twice for the same subject.

This Academic Integrity policy applies to all students of the Zhejiang University in all programmes of study, including non-graduating students. It is to reinforce the University's commitment to maintain integrity and honesty in all academic activities of the University community.

Policy

- The foundation of good academic work is honesty. Maintaining academic integrity upholds the standards of the University.
- The responsibility for maintaining integrity in all the activities of the academic community lies with the students as well as the faculty and the University. Everyone in this

community must work together to ensure that the values of truth, trust and justice are upheld.

- Academic dishonesty affects the University's reputation and devalues the degrees offered.
- The University will impose serious penalties on students who are found to have violated this Policy. The following penalties may be imposed:
 - Expulsion;
 - Suspension;
 - Zero mark/fail grade;
 - Marking down;
 - Re-doing/re-submitting of assignments or reports; and
 - Verbal or written warning.