



北京理工大学学术学分课程

Beijing Institute of Technology Academic  
Credit Courses Program

## **ENGR9400-ENGINEERING PROJECT MANAGEMENT** *Syllabus*

**Jan.3, 2019 – Jan.26, 2019**

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Term Duration: Jan. 3, 2019 – Jan. 26, 2019  
Credit Points: 4 Level:  
Postgraduate  
Instructor Name: TBA  
Home Institution: Beijing Institute of Technology  
Lecture Hour: 12:40-15:30  
Office Hour: TBA

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### ***Course Description***

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In this course students will understand the theory and practice of project management, including project procurement, team leadership, risk management, communication, financial management and human resources. It prepares students for a professional role in the management of engineering projects by providing students with an understanding of both the people-related and technical requirements necessary for the successful management of engineering projects, as well as the organizational and strategic aspects.

The course will provide you with tools to improve your ability to plan, implement and manage activities to accomplish objectives in complex and challenging work environments.

## ***Required Textbook***

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*Project Management, 7th edition,*  
Author: Gray C.F. and Larson E.W.  
Publisher: McGraw Hill International edition  
ISBN Number: 9781259666094

## ***Course Hours***

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The course has 14 class sessions and 1 field trip in total. Each lecture session is 180 minutes in length. The classes are from Monday to Friday.

## ***Course Schedule***

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Week	Day	Date	Chapter	Topic	Assignment/ Notes
Week 1	Thu.	Jan.3, 2019	Introduction	Modern Project Management	
Week 2	Mon.	Jan.7, 2019	Organization Strategy	Organization Structure and Culture	Four Activity of the Strategic Management
	Tue.	Jan.8, 2019	Project Selection	Defining Projects	What is Project?
	Wed.	Jan.9, 2019	Project Selection	Estimating Project Time and Cost	Case study and presentation
	Thu.	Jan.10, 2019	Project Selection	Developing a Project Plan	Applying a Selection Model
Week 3	Mon.	Jan.14, 2019	Project Management	Scheduling Resources Cost Reducing and Project Duration	Method for Accelerating Project
	Tue.	Jan.15, 2019	Project Management	Being an Effective Project Manager	Case study and presentation
	Wed.	Jan.16, 2019	Project Management	How To Manage a Dynamic Project Team.	Case study and presentation
	Thu.	Jan.17, 2019	Project Management	Managing Inter-Organizational Relations	The Art of Negotiation
	Fri.	Jan.18, 2019	Field Trip	Site Visit At Fortune 500 Corporation	
	Mon.	Jan.21, 2019	Project Management	Progress and Performance Measurement and	The Project Control System

Week 4				Evaluation	
	Tue.	Jan.22, 2019	Project Management	Managing Risk	Risk definition and Assessment
	Wed.	Jan.23, 2019	Project Management	Project Closure and Agile Pm	Wrap-up Project Activities
	Thu.	Jan.24, 2019	Review	Review	
	Sat.	Jan.26, 2019	Final Exam		

### ***Grading Policy***

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Items	Percentage
Attendance	10%
Case study and presentation	40%
Final Exam	50%
Total	100%

### ***Academic Honesty***

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Academic honesty is not only a fundamental part of learning and teaching, but also a core value that this course embraces. Behaviors of academic dishonesty, as outlined hereinafter, are unacceptable and will be penalized:

- a) Plagiarism where students present work for assessment, publication or otherwise that is not their own, without appropriate attribution or reference to the original source. Plagiarism can include:
  - i) paraphrasing or copying published and unpublished work without a reference;
  - ii) adopting the ideas or concepts of others, including the structure of an existing analysis without due acknowledgement by way of reference to the original work or source.
- b) Collusion, where students present work as independent work when it has in fact been produced in whole or in part with others unless prior permission for joint or collaborative work has been given by the Course Coordinator. Collusion can include:
  - i) a student inappropriately assisting with or accepting assistance with the production of an assessment task;
  - ii) submitting work which is the same or substantially similar as another student's work for the same assessment task.
- c) Cheating, where a student acts in such a way as to seek to gain unfair advantage or assist another student to do so. Cheating can include:

- i) submitting falsified, copied or improperly obtained data relating to results of practicum, field trips or other work as if they were genuine; submitting an assessment task with the intention of deceiving or misleading the instructor about the student's contribution to the work;
  - ii) submitting an assessment task written or answered for the student by another person or which the student has copied from another person;
  - iii) submitting the same or a substantially similar piece of work for assessment in two different courses (except in accordance with approved study and assessment schemes);
  - iv) a student falsely indicating that they have been present at an activity where attendance is required;
  - v) completing an assessment task outside the conditions specified for that task.
- d) Cheating in Examinations means engaging in dishonest practice or breaching the rules regarding examinations, which can include:
  - i) communicating in any way during an examination with any person who is not an examination supervisor inside or outside the examination venue;
  - ii) giving or accepting assistance from any person who is not an examination supervisor whilst in the examination venue;
  - iii) reading, copying from or otherwise using another student's work in an examination or knowingly allowing a student to do so;
  - iv) possessing, referring to or having access to any material or device containing information directly or indirectly related to the subject matter under examination, other than that explicitly approved by the Course Coordinator;
  - v) acquiring, or attempting to acquire, possess or distribute examination materials or information without approval;
  - vi) permitting another person to attend an examination on a student's behalf or attending an examination on behalf of another student;
- e) Other dishonest acts including but not limited to:
  - i) altering or falsifying any document or record for the purposes of gaining academic advantage;
  - ii) offering or giving money or any item or service to a University staff member or any other person to gain academic advantage for the student or another person;
  - iii) inventing references.