



MANF9400

INDUSTRIAL MANAGEMENT

Summary of the Course

The purpose of this course is to provide an understanding of the theories and principles of modern management and encourage the course participants to make an appreciation of these principles in relation to their own experiences and selected managerial case studies.

Aims of the Course

The aims of the course is to understand the basic principles of management, and the four major functions of managers e.g. planning, organizing, leading and controlling and how managers actually operate. Students will be required to think critically and strategically about management theories and issues which will enable them to develop their decision-making and analytical skills. They will be involved in application exercises and case studies which will assist them to develop graduate attributes.

Student learning outcomes

This course is designed to address the below learning outcomes and the corresponding Engineers Australia Stage 1 Competency Standards for Professional Engineers as shown. The full list of Stage 1 Competency Standards may be found in Appendix A.

After successfully completing this course, you should be able to:

Learning Outcome		EA Stage 1 Competencies
1.	Understand the theories and principles of modern management and apply the concepts to the management of organisations in private and public sector.	PE 1.1, PE1.3, PE1.4, PE1.6
2.	Understand how managers can effectively plan in today's dynamic environment, be familiar with the design of organisation structure and describe how environmental uncertainty affects organisation design.	PE 1.1, PE1.3, PE2.1, PE2.3, PE2.4
3.	Identify what strategies organisations might use to become more customer oriented and be more innovative. Identify the characteristics of effective teams and understand why teams have become so popular in organisations.	PE2.1, PE3.3, PE3.6

Criteria for grading assignments

The following are the criterion for assessment:

In-depth research

References:

Bartol, K, Tein. M, Mathews, G, Martin, D, Management – A pacific rim focus, McGraw Hill, 2008.

Davidson, P, Simon, A, Gottschalk, L, Hunt, J, Wood, G, Griffin, RW, Management – Core concepts and skills, John Wiley and Sons, Australia, Ltd, 2006.

Campling, J, Poole, D, Wisner, R, Schermerhorn, JR, Management, John Wiley and

7. Course evaluation and development.

Periodically student evaluative feedback on the course is gathered, using among other means, UNSW's Course and Teaching Evaluation and Improvement (CATEI) process. Student feedback is taken seriously, and continual improvements are made to the course based in part on such feedback.

Please let me know your suggestions and comments throughout and even after the semester.

In this course, recent improvements resulting from previous year's feedback include

Applied A/E/C Projects A/E/C Professional Education Program Outcomes

	Program Intended Learning Outcomes
PE1: Knowledge and Skill Base	PE1.1 Comprehensive, theory-based understanding of underpinning fundamentals
	PE1.2 Conceptual understanding of underpinning maths, analysis, statistics, computing
	PE1.3 In-depth understanding of specialist bodies of knowledge
	PE1.4 Discernment of knowledge development and research directions
	PE1.5 Knowledge of engineering design practice
	PE1.6 Understanding of scope, principles, norms, accountabilities of sustainable engineering practice
PE2: Engineering Application Ability	PE2.1 Application of established engineering methods to complex problem solving
	PE2.2 Fluent application of engineering techniques, tools and resources
	PE2.3 Application of systematic engineering synthesis and design processes
	PE2.4 Application of systematic approaches to the conduct and management of engineering projects
PE3: Professional and Personal Attributes	PE3.1 Ethical conduct and professional accountability
	PE3.2 Effective oral and written communication (professional and lay domains)