



Source Outline

Term 2 2020

MANF9472

PRODUCTION PLANNING AND CONTROL

Contents

1. 1

realization. Therefore, this course is an extension of the MANF6860 Manufacturing Strategy, 09583419/143(e)3 (strategisp2)4/0153.Q 595.32 841.92 reW*nBT/F1 11.04 Tf1 0 0 1

Student learning outcomes

Week	Topic	Delivery Mode	Suggested Readings
5	Master Production Scheduling (MPS)	Online by using Blackboard Ultra in Moodle	Lecture Slides and relevant chapter in the textbook
6	Material and Distribution Requirements Planning (MRP and DRP)	Online by using Blackboard Ultra in Moodle	Lecture Slides and relevant chapter in the textbook
7	Just in Time	Online by using Blackboard Ultra in Moodle	Lecture Slides and relevant chapter in the textbook
8	Capacity Planning and Utilization	Online by using Blackboard Ultra in Moodle	Lecture Slides and relevant chapter in the textbook
9	Production Scheduling	Online by using Blackboard Ultra in Moodle	Lecture Slides and relevant chapter in the textbook
10	Production Activity Control	Online by using Blackboard Ultra in Moodle	Lecture Slides and relevant chapter in the textbook

understanding academic integrity and how not to plagiarise. They also hold workshops and can help students one-on-one.

You are also reminded that careful time management is an important part of study and one of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting and the proper referencing of sources in preparing all assessment tasks.

If plagiarism is found in your work when you are in first year, your lecturer will offer you assistance to improve your academic skills. They may ask you to look at some online resources, attend the Learning Centre, or sometimes resubmit your work with the problem fixed. However more serious instances in first year, such as stealing another student's work or paying someone to do your work, may be investigated under the Student Misconduct Procedures.

Repeated plagiarism (even in first year), plagiarism after first year, or serious instances, may also be investigated under the Student Misconduct Procedures. The penalties under the procedures can include a reduction in marks, failing a course or for the most serious matters (like plagiarism in an honours thesis) even suspension from the university. The Student Misconduct Procedures are available here:

www.gs.unsw.edu.au/policy/documents/studentmisconductprocedures.pdf

10. Administrative matters and links

All students are expected to read and be familiar with UNSW guidelines and policies. In particular, students should be familiar with the following:

- [Attendance](#)
- [UNSW Email Address](#)
- [Special Consideration](#)
- [Exams](#)
- [Approved Calculators](#)
- [Academic Honesty and Plagiarism](#)
- [Equitable Learning Services](#)

Competencies

Stage 1 Competencies for Professional Engineers

	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)
	PE3.3 Creative, innovative and pro-active demeanour
	PE3.4 Professional use and management of information
	PE3.5 Orderly management of self, and professional conduct
	PE3.6 Effective team membership and team leadership