



Mechanical and Manufacturing Engineering

Course Outline
Semester I 2018

MANF4100

**DESIGN AND ANALYSIS OF
PRODUCT-PROCESS SYSTEMS**

3.	Understand data and information flow within a factory system and how this affects decision making, efficiency and effectiveness of the manufacturing operation.	PE1.1, PE1.2, PE2.1
4.	Understand, implement and manage key manufacturing improvement	

Date	Topic	Lecture Content
		Measuring Forecasting Error Trend Adjustment

6. Assessment

Assessment overview

Assessment	Length	Weight	Learning outcomes assessed	Assessment criteria	Due date and submission requirements	Deadline for absolute fail	Marks returned
Online Quiz x 3	1 hour	15% in total (5% each)	1, 2 and 3	Lecture content (Progressive)	1pm-2pm, Monday, Week 3 (12/03), Week 6 (26/03), Week 9 (04/30)		

Assignments

Presentation

All submissions are expected to be neat and clearly set out. Your results are the pinnacle of all your hard work and should be treated with due respect. Presenting

10. Academic honesty and plagiarism

[Assessment Matters](#) (including guidelines for assignments, exams and special consideration)

[Academic Honesty and Plagiarism](#)

[Student Equity and Disabilities Unit](#)

[Health and Safety](#)

[Student Support Services](#)

Appendix A: Engineers Australia (EA) 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