Course Outline

Term 1 2020

# MANF6860

# STRATEGIC MANUFACTURING MANAGEMENT

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# 1. Staff contact details

**Contact details and consultation times for course convenor**

***Course Convenor:***

Name: Prof Sami Kara
Office location: Ainsworth Building, 301A
Tel: (02) 9385 5757
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The normal workload expectations of a student are approximately 25 hours per term for each UOC, including class contact hours, other learning activities, preparation and time spent on all assessable work. The additional time should be spent in making sure that you understand the lecture material, completing the set assignments, further reading, and revising for any examinations.

**Contact hours**

| | **Day** | **Time** | **Location** |
|---|---|---|---|
| **Lectures** | Wednesday | 6pm - 8pm | Chemical Sc M18 |
| | | | |
| **Demonstrations** | Wednesday | 8pm ï 9pm | Chemical Sc M18 |
| | | | |

Please

| Learning Outcome | | EA Stage 1 Competencies |
|---|---|---|
| 4. | Appreciate the importance of linking performance monitoring to manufacturing strategy | PE1.3, PE1.5, PE2.3, PE3.6 |

## 4. Teaching strategies

The subject will be presented in the form of lectures and tutorials. Each weekly class will consist of an hour of a tutorial example or case study related to the material covered in the previous lecture in the first hour, followed by 1-1.5 hrs lecture. ***there will be key readings uploaded on Moodle. It is critical that students MUST read these before they come to classroom***

## 5.

| Week | Topic | Location | Suggested Readings | Week |
|---|---|---|---|---|
| 1 | The Nature and Role of Manufacturing Strategy | None | | |

| Week | Topic | Location | Suggested Readings | Week |
|---|---|---|---|---|
| 8 | Experience Curve, Efficiency and Productivity | Review of previous lecture and exercises | Chemical Sc M18 | Unit 8 lecture notes and reading ma(ng)14( )]TJETQ |

# 6. Assessment

## Assessment overview

**Assignments**

The assessment tasks will be provided during class on the dates described in the ***Error! Reference source not found.*** table. The assessment tasks and their details will be provided on Moodle at https://moodle.telt.unsw.edu.au/login/index.php

*Presentation*

All non-electronic submissions should have a standard School cover sheet, which is available from this courseôs Moodle page.

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 results clearly gives the marker the best chance of understanding your method; even if the numerical results are incorrect.

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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

## [redacted] Competencies

*Stage 1 Competencies for Professional Engineers*

| | **Program Intended Learning Outcomes** |
|---|---|
| **PE1: Knowledge and Skill Base** | PE1.1 Comprehensive, theory- |