



Course Outline

MATS3001

Micromechanisms of Mechanical Behaviour in
Metals

Materials Science and Engineering

Science

T2, 2020

4. Think critically in decision making, problem-solving
5. Communicate with correct terminology
6. Conducting online research
7. Work effectively in a team to solve problems

2.4 Relationship between course and program learning outcomes and assessments

4. Course schedule and structure

This course normally consists of 50 hours of class contact hours in lecture form. You are also expected to take an additional 100 hours of non-class contact hours to complete assessments, readings and exam preparation spread over the term.

Students should work through the on line course material at a pace to keep up with the topic listings below.

Week	Topics	Activity
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- ◁ Students who have a disability that requires some adjustment in their teaching or learning

- < G.E. Dieter, Mechanical Metallurgy, 3rd Ed., 1988
- < R.E. Reed-Hill and R. Abbaschian, Physical Metallurgy Principles, 1994
- < R.E. Smallman and R. Bishop, Metals and Materials, 1996
- < I.R. Polmear, Light Metals, 1995

8. Administrative matters

School Office: Room 137, Building E10 School of Materials Science and Engineering

School Website: <http://www.materials.unsw.edu.au/>

Faculty Office: Robert Webster Building, Room 128

Faculty Website: <http://www.rwb.unsw.edu.au/> 807.9 Tm 0 g 00 595 /MCID 2/tudent

9. Additional support for students

- < The Current Students Gateway: <https://student.unsw.edu.au/>
- < Academic Skills and Support: <https://student.unsw.edu.au/academic-skills>
- < Student Wellbeing, Health and Safety: <https://student.unsw.edu.au/wellbeing>