



# 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

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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

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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.unsw.edu.au> Phone: 02 9381 1080 Fax: 02 9381 1081 Email: [materials@unsw.edu.au](mailto:materials@unsw.edu.au) MCID: 2/001279614.001108.0595 807.9 Tm 0 g 00 595 /MCID 2/tudent

## 9. Additional support for students

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- ◁ 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>