

University of Pretoria Yearbook 2016

Manufacturing and design 217 (MOW 217)

Qualification Undergraduate

Faculty [Faculty of Engineering, Built Environment and Information Technology](#)

Module credits 16.00

Programmes [BEng Industrial Engineering](#)

[BEng Industrial Engineering Engage](#)

[BEng Mechanical Engineering](#)

[BEng Mechanical Engineering Engage](#)

Prerequisites MGC 110

Contact time 3 lectures per week, 4 tutorials per week

Language of tuition Both Afr and Eng

Academic organisation Mechanical and Aeronautical En

Period of presentation Semester 1

Module content

Detailed exposure to manufacturing processes including heat treatment. Detailed exposure to machine elements. Conceptual framework for design process including life cycle, ergonomics, material selection, manufacturing and safety factor considerations.

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.