

# University of Pretoria Yearbook 2020

## Engineering management 310 (BSS 310)

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| <b>Qualification</b>          | Undergraduate  |
| <b>Faculty</b>                | Faculty of Engineering, Built Environment and Information Technology   |
| <b>Module credits</b>         | 8.00   |
| <b>Programmes</b>             | BEng Chemical Engineering<br>BEng Chemical Engineering ENGAGE<br>BEng Computer Engineering<br>BEng Computer Engineering ENGAGE<br>BEng Electrical Engineering<br>BEng Electrical Engineering ENGAGE<br>BEng Electronic Engineering<br>BEng Electronic Engineering ENGAGE<br>BEng Industrial Engineering<br>BEng Industrial Engineering ENGAGE<br>BEng Mechanical Engineering<br>BEng Mechanical Engineering ENGAGE<br>BEng Metallurgical Engineering<br>BEng Metallurgical Engineering ENGAGE<br>BEng Mining Engineering<br>BEng Mining Engineering ENGAGE |
| <b>Prerequisites</b>          | No prerequisites.  |
| <b>Contact time</b>           | 3 lectures per week  |
| <b>Language of tuition</b>    | Module is presented in English   |
| <b>Department</b>             | Industrial and Systems Engineering   |
| <b>Period of presentation</b> | Semester 1   |

## Module content

The purpose of this module is to develop knowledge and understanding of engineering management principles and economic decision-making so that students can design, manage, evaluate and participate in engineering projects in the workplace. As such elements from engineering economics, project management and systems engineering are combined.

This module develops and assesses the students' competence in terms of ECSA Exit Level Outcome 11 relating to Engineering Management.

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