



# University of Pretoria Yearbook 2019

## Finance and cost management 802 (IPF 802)

|                               |   |
|-------------------------------|---|
| <b>Qualification</b>          | Postgraduate  |
| <b>Faculty</b>                | <a href="#">Faculty of Engineering, Built Environment and Information Technology</a>                        |
| <b>Module credits</b>         | 10.00   |
| <b>Programmes</b>             | <a href="#">MEng Project Management (Coursework)</a><br><a href="#">MSc Project Management (Coursework)</a> |
| <b>Prerequisites</b>          | No prerequisites.   |
| <b>Contact time</b>           | 20 contact hours per semester   |
| <b>Language of tuition</b>    | Module is presented in English  |
| <b>Department</b>             | Engineering and Technology Management   |
| <b>Period of presentation</b> | Semester 1 or Semester 2  |

### Module content

The role of the engineer is to apply the wealth of scientific knowledge to produce products and services for the benefit of mankind. A design can demonstrate excellence in technical achievements but if the end user cannot afford it, the whole project will be one of futility. Taking into account the vast sums of money involved in the design, development of products and establishment of production facilities, poorly managed projects can seriously damage the profitability and survival of a company.

This module creates an opportunity for the learner to be acquainted with the theoretical principles and practical applications of finance and cost management aspects as applied to projects and programmes.

To achieve this objective, it is necessary to:

- Firstly, clarify the study field of engineering economics and its function in the decision-making process,
- Secondly, to understand the elementary principles of cost estimation, allocation of cost elements and, financial risk management,
- Thirdly, to understand the cost control principles in the management of a project or programme

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.