



University of Pretoria Yearbook 2022

Facilities planning 320 (BFB 320)

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| Qualification | Undergraduate |
| Faculty | Faculty of Engineering, Built Environment and Information Technology |
| Module credits | 8.00 |
| NQF Level | 07 |
| Programmes | BEng (Industrial Engineering) BEng (Industrial Engineering) ENGAGE |
| Prerequisites | No prerequisites. |
| Contact time | 1 discussion class per week, 2 lectures per week |
| Language of tuition | Module is presented in English |
| Department | Industrial and Systems Engineering |
| Period of presentation | Semester 2 |

Module content

This module introduces the principles, approaches, methods, techniques and tools to systematically determine facility requirements, determine the required space of and relationships between activities, develop and evaluate alternative plans and layouts and present the results. Aspects such as facilities location, manufacturing and service process design, capacity planning, materials handling, personnel facilities, storage and warehousing are also addressed. A structured facility design project forms an integral part of the course.

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