

# University of Pretoria Yearbook 2019

## Intelligent systems 320 (EAI 320)

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| <b>Qualification</b>          | Undergraduate   |
| <b>Faculty</b>                | <a href="#">Faculty of Engineering, Built Environment and Information Technology</a>          |
| <b>Module credits</b>         | 16.00   |
| <b>Programmes</b>             | <a href="#">BEng Computer Engineering</a><br><a href="#">BEng Computer Engineering Engage</a> |
| <b>Prerequisites</b>          | WTW 258 GS  |
| <b>Contact time</b>           | 1 tutorial per week, 1 web-based period per week, 3 lectures per week, 1 practical per week   |
| <b>Language of tuition</b>    | Module is presented in English  |
| <b>Department</b>             | Electrical, Electronic and Computer Engineering   |
| <b>Period of presentation</b> | Semester 1  |

### Module content

Practical application of neural networks, fuzzy logic, genetic algorithms and expert systems. Introduction to pattern recognition, optimization and problemsolving using intelligent systems techniques.

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