



# University of Pretoria Yearbook 2022

## Intelligent systems 320 (EAI 320)

<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>NQF Level</b>	07
<b>Programmes</b>	<a href="#">BEng (Computer Engineering)</a> <a href="#">BEng (Computer Engineering) ENGAGE</a>
<b>Prerequisites</b>	WTW 258 GS
<b>Contact time</b>	1 practical per week, 1 tutorial per week, 3 lectures 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

The module is an introduction to problem-solving and pattern recognition using intelligent systems. Application of basic artificial intelligence (AI) and machine learning (ML) techniques including search, genetic algorithms, neural networks, probabilistic reasoning, and supervised learning are covered.

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