

University of Pretoria Yearbook 2016

Advanced topics in intelligent systems 733 (EAI 733)

Qualification Postgraduate

Faculty Faculty of Engineering, Built Environment and Information Technology

Module credits 32.00

Programmes BEngHons Electronic Engineering

Prerequisites EAI 732

Contact time 10 lectures per week

Language of tuition English

Academic organisation Electrical, Electronic and Com

Period of presentation Semester 1 or Semester 2

Module content

The aim of the module is to augment the general background provided by the EAI 732 module with the specific theoretical background required for MEng. The module will, depending on the intended research field of the student, incorporate advanced theory from fields such as: Digital Image Processing, Computer and Robotic Vision, Probabilistic Robotics, Data Fusion, Hardware and Software Parallel Processing, Real-Time and Reactive Systems.

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