

University of Pretoria Yearbook 2021

Optical communications 732 (EFO 732)

Qualification	Postgraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	32.00
NQF Level	08
Prerequisites	No prerequisites.
Contact time	32 contact hours per semester
Language of tuition	Module is presented in English
Department	Electrical, Electronic and Computer Engineering
Period of presentation	Semester 1

Module content

This course presents optical networks from a practical perspective. Strong emphasis is placed on contemporary topics such as fibre theory, components, transmission systems and networks. Operational matters such as survivability, management and deployment considerations are also addressed. A substantial practical component will include optical time-domain reflectometry and familiarisation.

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