



University of Pretoria Yearbook 2017

Earth studies 224 (AAL 224)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module content	Environmental filters and forecasting techniques: Sound: the physical nature of sound, physiology of hearing, sound and noise sources, transfer, absorption and isolation, noise control; measurement, levels, frequency analysis, A-loading, room acoustics, reverberation periods. Light: properties of natural light, design criteria, daylight factors, diffusion, quality, energy requirements and saving.
Module credits	4.00
Programmes	BSc Architecture BSc Interior Architecture
Prerequisites	No prerequisites.
Contact time	3 lectures per week
Language of tuition	Module is presented in English
Academic organisation	Architecture
Period of presentation	Quarter 4

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