

Distance Learning Program for Professional Education in Acoustics



Module 1 General Principles of Acoustics

Registration form

Content of Module 1, General Principles of Acoustics, This module provides an introduction and overview of the following topics – many of which will then be developed in subsequent modules.

Chapter 1 Basic concepts – oscillatory system, basics of wave systems, decibel scale, frequency analysis, hearing.

Chapter 2 Descriptors for time varying noise levels, L_{eq} , L_{DN} , L_{10} etc.

Chapter 3 Sound and hearing, noise criteria and noise rating, types of hearing loss.

Chapter 4 Behaviour of waves, source mechanisms (monopole, dipole etc), outdoor propagation, principles of barriers.

Chapter 5 Sound in spaces (small and large), reflection, absorption, reverberation time.

Chapter 6 Airborne sound insulation, standardised and weighted level differences, structure borne sound, impact sound.

Chapter 7 Vibration, undamped free oscillations, damped driven oscillations, displacement, velocity, acceleration, vibration control, damage to buildings, sensitive equipment, human vibration.

Chapter 8 Measurement microphones, analysis equipment, dosimeter, intensity probe, accelerometers, general measuring procedures.

Chapter 9 General noise control strategies, mechanical ventilation noise, hearing conservation obligations.

Timing

Module 1, General Principles of Acoustics, can be commenced at any time. The test will be available on a mutually preferred date as long as 4 weeks notice is given.

Registration

Registration includes notes provided electronically, assistance with tutorial work, provision of test and certificate for successful completion.

Registration for Module 1

General Principles of Acoustics

A separate form to be completed for each registrant from any one organisation

Title:..... Date:

Family Name:

Given Name:

Organisation

Postal Address:

Suburb:..... State:.....Postcode:

Country:

Telephone: (W)..... Mob

Email:

Registration Fee: please tick box SPECIAL DISCOUNT RATE continues in 2022

Full registration fee	\$990 + \$99 GST = \$1089	<input type="checkbox"/>
AAO, NZAO or AAAC members or Defence personnel	\$880 + \$88 GST = \$968	<input type="checkbox"/>
3 or more from one organization in one booking	\$770 + \$77 GST = \$847	<input type="checkbox"/>

Invoice will be raised following processing of this application form Payment of the invoice can be made on line by bank transfer or credit card.

Name for Invoice if different from registrant's details above:

Name

Position

Address

Email

Phone (W)

Cancellation Policy: *If a registrant cancels within 5 working days of payment of the invoice a refund of the registration fee less \$100.00 administration fee will apply.*

ABN 57 195 873 179 CRICOS provider Code 00098G

ENQUIRIES to Marion Burgess

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