

Occupational Ergonomics

(RHAB801)

Pathways, programmes/specialisations the course is attached to

Postgraduate Certificate in Health Science, Master of Health Science, Postgraduate Diploma in Health Science, Master of Health Practice

Am I eligible to enrol in this course?

The paper is for registered health professionals or those with professional experience in occupational health and safety. Applicants will normally have completed the requirements of one of the following in a relevant field from a New Zealand tertiary institution or equivalent:

- A Bachelor of Health Science.
- A Graduate Diploma in Health Science.
- Relevant professional practice or experience deemed by the university to be equivalent to a bachelor's degree.

Where entry qualifications do not meet the criteria for study at postgraduate level, completion of transitional studies may be required before the applicant is admitted to the programme.

What is this course about?

Promotes critical thinking and the application of current ergonomics theory to industrial and service sector settings. It applies a systematic ergonomics approach to evaluate and reduce workplace risks associated with health, safety and wellbeing.

What can I expect to learn?

The course introduces students to:

- The legal context of health and safety issues relevant to ergonomics
- Psychosocial, social, and organisational aspects of work design
- The evaluation of physical and physiological human characteristics for designing work practices
- Cognitive work analysis
- The work environment: lighting, noise, thermal comfort
- Participatory ergonomics
- Designing and implementing ergonomics interventions

How is this course taught?

Teaching Period(s): Semester 1

Block Course: Yes

Location: On campus: two, three-day teaching block.

Teaching Style: A variety of methods will be used to deliver the paper content. The seminars, lectures, and tutorials will be delivered on-site over two 3-day study modules. Students will complete selected readings relating to the content of block modules. Online learning tasks will be used to facilitate discussion, knowledge and understanding.

How will I be assessed?

1. Written assignment 1: (3000 words)
2. Written assignment 2: (5000 words)

Who will be teaching me?

Course Coordinator: Mark Boocock, PhD, MSc, BA(Hons), MCIEHF, Eur. Erg

We have a small team of knowledgeable and experienced ergonomics and human factors specialists who bring a wide range of skills to the course. Professor Mark Boocock is Director of the Centre for Ergonomics and Human Factors and Associate Director of the Centre for Occupational Health and Safety Research at AUT. Over the past 30 years, Mark has considerable teaching and applied research experience in the field of ergonomics, biomechanics and occupational health and safety. He has worked on a number of national and international standards bodies and health-related organisations, and publishes widely in the field.

Fees

Information about course tuition fees may be found at:

<http://www.aut.ac.nz/study-at-aut/fees-scholarships-and-finance/fees/postgraduate-fees>

Enrolment and enquires

Please contact Debra Spinetto for any enquiries about enrolment. Further information about our postgraduate offerings may be found online.

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