



**Centre for Ergonomics, Occupational Safety and Health,
School of Public Health, College of Health,
Massey University, New Zealand**

POSTGRADUATE ERGONOMICS PROGRAMME

Paper Prescriptions

128.702 Work Capacity and Performance

An outline of ergonomics of the basic body systems, musculo-skeletal, cardiovascular, respiratory and endocrine/neural. Physiological energy expenditure responses and adaption to physical work, anthropometric and biomechanical studies of group and individual factors affecting performance.

128.705 Ergonomics Analysis

Principles underpinning the ergonomics approach with focus on methods of measurement, investigation, work analysis including study of aspects of workplace, information and work organisation design as well as a study in industry, which will act as an exemplar for professional practice.

128.706 Micro/Macro Ergonomics

Ergonomics principles, human psychological, social and organisational characteristics related to ergonomics, systems theory, human reliability, training, instruction, workplace, information and work organisation design, professional issues.

128.707 People, Technology and Design

Ergonomics principles and practices for the design of products, equipment and complex systems. People in relation to the physical environment, technology and design.

152.781 Advanced Research Methods in Business

A study of experimental design and analysis applied to ergonomic problems. Data collection for different types of variable is discussed, along with statistical analysis techniques and report writing.

128.801 Masters Thesis

A research thesis in a selected area of ergonomics.

128.802 Masters Thesis

A research thesis in a selected area of ergonomics.

128.803 Research Report

A research report in a selected area of ergonomics.

128.804 Ergonomics Professional Practice

Supervised academic and industrial professional practice training. Includes design and conduct of a practical ergonomics project in an industrial setting and demonstration of mastery of professional issues.

128 709 Special Topic in Ergonomics

Study in any approved ergonomics application areas.

114.731 Advanced Occupational Safety and Health

An advanced course of study of current issues in occupational safety and health.

114.722 Advanced Organisational Behaviour

This course is an examination of applied psychology and sociology in the context of organisations. The content is based on a foundation of theory which students are expected to critically analyse. The paper is designed so that students apply the theory to modern organisational situations.

190.701 Human Factors for Professional Aviation

An in-depth study of the latest developments and research applications associated with the human factor aspects of aviation. Particular emphasis is placed on the subjective versus objective parameters used in flight crew, air traffic and other aviation systems assessment, including the application of technology to such outcomes.

CONTACT PERSON

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