

Learn about the major individual, team and organisational factors relating to work system design and human performance in the workplace environment.

This program is shared by postgraduate students in Health and may involve some collaboration between professional development participants and postgraduate students.

At the end of the Workshop Only course, you'll receive a Certificate of Participation documenting your participation in the course.

If you undertake and complete the Workshop and Assessment course, you'll receive a Certificate of Completion upon successful completion of the assessment. This can be used to apply for advanced standing in a related award course.



**Duration:** Weekly commitment over the complete semester.



**Certificate of Completion**



**Cost:** From \$2,008.60

## Apply Now

**Web:** [QUT.edu.au/QUTeX](http://QUT.edu.au/QUTeX)

**Phone:** 07 3138 7733

**Email:** [qutex@qut.edu.au](mailto:qutex@qut.edu.au)

**Blog:** [blogs.qut.edu.au/qutex](http://blogs.qut.edu.au/qutex)

### Evolve with QUTeX

Knowledge of current methods and techniques commonly used in ergonomics is essential for any professional who wants to contribute effectively to the design, evaluation and improvement of tasks, work systems and occupational environments.

### Who should participate?

Occupational Health and Safety staff and any professional with a human-centered mindset from any industry sector (e.g., construction, energy, healthcare and transport) will benefit from the knowledge shared in this course which is delivered in a highly interactive learning environment and offers continuous support with access to additional material.

### Core concepts

During this course you will learn how to:

- Analyse components of work systems and apply methods for measuring and classifying tasks and factors relevant to work assessment and design.
- Apply tools and techniques to assess cognitive and physical human factors/ergonomic (HFE) aspects as well as macro-ergonomic areas.
- Account for and debate the causes and effects of common HFE issues as well as the advantages and disadvantages of the various HFE tools and techniques available.

Participants will develop their understanding of the HFE systems approach as it applies to:

- human information processing and decision-making
- situational awareness
- team methods and communication
- mental and physical fatigue
- task analysis and human error
- design of work systems
- hazardous manual tasks
- musculoskeletal disorders
- training and learning, and
- participatory ergonomic interventions.

### Your expert facilitators

#### Associate Professor Nektarios Karanikas

Nektarios is an experienced tutor and workshop facilitator, and he is an internationally renowned specialist in the broader field of safety. In addition to academic courses, Nektarios has delivered open masterclasses as well as workshops for companies such as Aegean Airlines and NetJets Europe with excellent feedback on his effective and impactful teaching.

### Cost

|   | Workshop Only | Workshop & Assessment |
|---|---------------|-----------------------|
| Early Bird registration   | \$2,008.60    | \$2,510.75 (inc GST)  |
| Standard Registration   | \$2,231.77    | \$2,789.72 (inc GST)  |
| QUT Alumni / Staff registration                                 | \$1,673.83    | \$2,092.29 (inc GST)  |
| Australasian College of Health Service Managers (ACHSM) Members | \$1,897.01    | \$2,371.26 (inc GST)  |