

# Course Outline

**School / Portfolio:** Faculty of Health

**Course Title:** MEASURING OHS PERFORMANCE

**Course ID:** SCOHS6610

**Credit Points:** 15.00

**Prerequisite(s):** Nil

**Co-requisite(s):** Nil

**Exclusion(s):** (EV704)

**ASCED Code:** 061301

## Program Level:

AQF Level of Program						
	5	6	7	8	9	10
Level						
Introductory	■	■	■	■	■	■
Intermediate	■	■	■	■	■	■
Advanced	■	■	■	✓	■	■

## Learning Outcomes:

### Knowledge:

- K1.** Discriminate differences in OHS performance measurement
- K2.** Distinguish statistical concepts appropriate for hazard management
- K3.** Describe statistical significance

### Skills:

- S1.** Distinguish methods and definitions of OHS performance measurement
- S2.** Calculate statistical techniques within data sets
- S3.** Apply statistical methods to hazard management situations
- S4.** Identify and explain statistical significance

### Application of knowledge and skills:

- A1.** Select and justify methods of OHS performance measurement
- A2.** Formulate observations through statistical analysis
- A3.** Interpret hazard management hypotheses through statistical analysis
- A4.** Appraise statistical significance from a data set

## Course Content:

Topics may include:

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## SCOHS6610 MEASURING OHS PERFORMANCE

- Methods of measuring OHS performance
- Introduction to statistics in the context of occupational hazard management.
- Sources of data for fatalities, injuries, occupational disease and psychosocial risks.
- Strengths and weaknesses of data sources and alternative international sources.
- Sources of comparative performance data within Australia and for global benchmarking.
- Performance measurement in OHS contrasts between lag and lead indicators of performance.
- Selection and development of lead indicators.
- The Balanced Scorecard and applications in OHS.
- Organisation and display of data: tabular and graphical displays, principles of good presentation, techniques for clarification and enhancement of displays.
- Qualitative measurement
- Summary measures of location, dispersion, correlation and trend.
- Introduction to statistical analysis software.
- Introduction to inference: estimation and confidence intervals for means and proportions.

### Values and Graduate Attributes:

#### Values:

- V1.** Occupational health and safety practice is a means for improving the wellbeing of all people in and around workplaces
- V2.** Occupational health and safety has an important role in achieving corporate goals
- V3.** Professional ethics are integral to the health and safety profession
- V4.** Health and safety advances arise from integration of evidence-based literature
- V5.** Enlightened appraisal of current conditions and creative recommendations lead to 'cycle of improvement' advances in health and safety

#### Graduate Attributes:

Attribute	Brief Description	Focus
Continuous Learning	Graduates will continue to seek opportunities to better measure OHS performance	High
Self Reliance	Graduates will have the ability to measure OHS performance independently	Medium
Engaged Citizenship	Graduates will measure OHS performance with the intent of documenting OHS improvement	High
Social Responsibility	Graduates will measure OHS performance in order to reflect an accurate organisational representation of OHS	Medium

### Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Task	Assessment Type	Weighting
K2, S1, S2, A2	Group presentation in class interpreting and communicating basic data.	Group presentation	15-25%
K1, S2, A1	Individual written report to stakeholders investigating alternatives for OHS measurement within an organisation.	Report	25-35%
K2, K3, S1,S2, S3, S4, A2, A3, A4	Individual report demonstrating an understanding of statistical methods in the workplace.	Report	40 - 60%

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## Adopted Reference Style:

APA