



GR2 | Quantitative Methods

Course Overview

This basic-level course is one of the CCP/CBP common core courses offered by WorldatWork. It focuses on general quantitative concepts, basic statistical tools, the mathematics of total remuneration design and administration, mathematical modelling, and regression analysis. Participants learn to consider data from numerous sources, with an emphasis on problem solving and decision making.

Intended Audience

This course is intended for those individuals who are relatively new to the field as well as experienced practitioners who seek a basic treatment for applying statistics in total remuneration management. Participants will benefit most from this course if they are proficient in the concepts covered in Course GR1 – Total Remuneration Management. It is assumed that participants have had no formal exposure to statistics, but have had a basic algebra course.

Modules

MODULE 1	Statistics – Data, Information and Levels of Measurement introduces basic quantitative concepts and the four levels of measurement.
MODULE 2	Percents and Related Issues defines and compares percents, market index and compa-ratios.
MODULE 3	Time Value of Money addresses the time value of money, including compound interest and the compound salary growth rate.
MODULE 4	Statistics – Collecting, Organising, Grouping and Displaying Data introduces statistical analysis.
MODULE 5	Statistics – Lying with Statistics, Graphs and Displays explains how to accurately display data.
MODULE 6	Statistics – Measures of Central Tendency and/or Location addresses measures of central tendency and measures of central location.
MODULE 7	Measures of Variability discusses measures of variability.
MODULE 8	Statistics – Shapes of Distributions addresses shapes of distributions.
MODULE 9	Regression Analysis introduces modelling and regression analysis.