COURSE DETAIL

MULTIVARIATE CALCULUS

Country United Kingdom - Scotland

Host Institution University of St Andrews

Program(s) Scottish Universities, Psychology and Neuroscience, St Andrews, University of St Andrews

UCEAP Course Level Upper Division

UCEAP Subject Area(s) Mathematics

UCEAP Course Number 103

UCEAP Course Suffix

UCEAP Official Title MULTIVARIATE CALCULUS

UCEAP Transcript Title MULTIVARIATE CALC

UCEAP Quarter Units 6.00

UCEAP Semester Units

Course Description

This course extends the basic calculus in a single variable to the setting of real functions of several variables. It introduces techniques and concepts that are used throughout the mathematical sciences and physics: partial derivatives, double and triple integrals, surface sketching, and cylindrical and spherical coordinates.

Language(s) of Instruction English

Host Institution Course Number MT2503

Host Institution Course Title MULTIVARIATE CALCULUS

Host Institution Campus St Andrews

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics & Statistics

Print

4.00