SIMON FRASER UNIVERSITY
DEPARTMENT OF ECONOMICS

Course: ECON 331-5 D100

Title: Introduction to Mathematical Economics

Semester: Fall 2016

Instructor: B. Antoine

Description: The course develops the mathematical tools of matrix algebra and calculus and shows how these tools may be used in doing economic analysis. More specifically, topics that will be covered include matrices, determinants and inverse matrices; continuity, derivatives, partial derivatives, unconstrained and constrained optimization of functions of several variables.

Grading: The course grade is based on five written assignments (20% total), one midterm (30%) and a final (50%).

Required Text:
Essential Mathematics for Economic Analysis - Fourth Edition (2012, Prentice Hall)
By Knut Sydsaeter and Peter Hammond

Recommended Text:
Mathematics for Economics – Third Edition (2012, MIT Press)
By M. Hoy, J. Livernois, C. McKenna, R. Rees and A. Stengos

Prerequisite: ECON 201 or 301. Students with credit for MATH 232 or 251 cannot complete this course for further credit. Quantitative

NO TUTORIALS DURING THE FIRST WEEK OF CLASSES

Students requiring accommodations as a result of a disability must contact the Centre for Students with Disabilities at 778-782-3112 or csdo@sfu.ca

All students are expected to read and understand SFU's policies with regard to academic dishonesty (S 10.02 and S 10.03). These policies are available at the following web address: www.sfu.ca/policies

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