46-513 Advanced Multivariate Analysis
Learning Outcomes
Last Updated: October 6, 2017
(Sa171006-5.5.2)

Learning Outcomes This is a sentence completion exercise. At the end of the course, the successful student will know and be able to:	Characteristics of a University of Windsor Graduate A U Windsor graduate will have the ability to demonstrate:
A. Demonstrate and advanced level of understanding and use of one or more advanced multivariate analytic techniques, as well as the research design issues associated with these techniques.	A. the acquisition, application and integration of knowledge
B. Analyze data and interpret results using these techniques.	B. research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)
C. Effectively choose when to apply each technique. Demonstrate an advanced understanding of the assumptions and robustness of each technique covered Apply techniques that students will find helpful in their own research.	C. critical thinking and problem-solving skills
D. Properly analyze data using the techniques. Identify questions the techniques answer.	D. literacy and numeracy skills
E. Competently critique published papers utilizing the techniques and determine whether the techniques were utilized and interpreted properly.	E. responsible behaviour to self, others and society
F. Write a report of statistical findings as would be appropriate for a thesis/dissertation or publishable manuscript.	F. interpersonal and communications skills
G.	G. teamwork, and personal and group leadership skills
H.	H. creativity and aesthetic appreciation
I. Independently research issues related to techniques or teach oneself unfamiliar techniques.	I. the ability and desire for continuous learning