

316-470 Econometric Techniques

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: Three hours of lectures/seminars/tutorials per week Total Time Commitment: Not available
Prerequisites:	316-317 Econometrics (/view/2009/316-317) or permission of lecturer.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Assoc Prof David Harris
Subject Overview:	This subject introduces appropriate estimation and inference techniques for models that involve a single equation and those involving systems of equations. Normally topics will include asymptotic theory, maximum likelihood estimation, classical testing procedures, generalised least squares estimation, seemingly unrelated regression models, stochastic regressors, instrumental variables, generalised methods of moments, simultaneous equations models (including VARs) and model-selection procedures.
Objectives:	.
Assessment:	A 3-hour end-of-semester examination (70%) and class assignments up to 40 pages (30%).
Prescribed Texts:	Prescribed Texts: A Guide to Modern Econometrics (M Verbeek), Wiley Econometric Analysis (W H Greene), (5th edn), Prentice-Hall
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p># High level of development: written communication; problem solving; statistical reasoning; application of theory to practice; interpretation and analysis; critical thinking; synthesis of data and other information; evaluation of data and other information; use of computer software; accessing data and other information from a range of sources; receptiveness to alternative ideas.</p> <p># Some level of development: collaborative learning; team work.</p>

Notes:	Students may not gain credit for both 316-470 Econometric Techniques and 316-678 Econometric Techniques (view/2009/316-678) .
Related Course(s):	Master of Economics Postgraduate Diploma In Economics
Related Majors/Minors/ Specialisations:	Economics