Module Details	
Module Title	Empirical Methods in Accounting and Finance
Module Code	AFE6014-B
Academic Year	2021/2
Credits	20
School	School of Management
FHEQ Level	FHEQ Level 6

Contact Hours	
Type	Hours
Online Lecture (Synchronous)	24
Tutorials	12
Directed Study	164

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1
ONA	College of Banking and Financial Studies / Semester 1

Module Aims

This module aims to provide you with sound conceptual understanding and core practical skills necessary for empirical research within accounting and finance. It aims to develop your analytical skills and enable you to make use of data and suitable methods to assist decision making within firms, organisations and other entities. It aims to enable you to undertake appropriate empirical analysis for completing your research project and to enable you to develop applied skills which would be useful for future roles as a finance or accounting professional.

Outline Syllabus
1 Introduction to the philosophy of empirical research 2 Literature search and literature review 3 An overview of qualitative empirical methods 1 (including content analysis, secondary data analysis and interviews) 4 An overview of qualitative empirical methods 2 (including questionnaire design and survey methods) 5 Introduction to quantitative empirical methods (including descriptive and graphical analysis) 6 Obtaining data and basic data analysis (descriptive/ graphics) 7 Probability basics: Measuring uncertainty 8 Statistical inference 9 Correlation and causation 10 Introduction to the classical linear regression model 11 Deviations from the classical linear regression model - Autocorrelation, heteroscedasticity and normality failures 12 Basic time series analysis

Learning Outcomes	
Outcome Number	Description
01	1a) Demonstrate a critical understanding of the basics of empirical work within accounting and finance. 1b) Develop an in depth understanding of core concepts underpinning applied research within accounting and finance, as used to support decision making within firms and other organisations. 1c) Appropriately apply suitable software resources to analyse data and carry out empirical research.
02	2a) Use appropriate formal theory to estimate simple formal econometric models and apply them to an accounting or finance context. 2b) Demonstrate an understanding of basic concepts within probability, statistical inference and the classical linear regression model. 2c) Critically appraise, analyse and employ a variety of data in order to aid decision making in business and financial organisations. 2d) Run regression models and interpret regression outputs and evaluate the results obtained.
03	3a) Plan and manage your own applied and theoretical learning. 3b) Effectively define problems, engage in and evaluate decision making, and use appropriate verbal and written communication skills. 3c) Undertake non-technical presentation of formal models and results.

Learning, Teaching and Assessment Strategy
This module applies a blended approach (online lectures + face-to-face/online tutorials). Lectures and seminars will provide you with basic theory and knowledge of formal concepts which are essential for gaining key discipline skills. This will enable you to relate classroom-based analysis to the 'real life' decision making context faced by professionals within accounting and finance. Weekly tutorials will give you the opportunity to apply your theoretical and conceptual knowledge to an applied context and enable you to test your understanding of formal concepts. This module has a pre-requisite of AFE4004-B.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Coursework	Individual Coursework	100%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:
This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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