

Liverpool John Moores University

Title: RESEARCH TECHNIQUES AND COMMUNICATION
Status: Definitive
Code: **7084BEPG** (119559)
Version Start Date: 01-08-2013

Owning School/Faculty: Built Environment
Teaching School/Faculty: Built Environment

Team	Leader
Ahmed Al-Shamma'a	Y
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Academic Level: FHEQ7 **Credit Value:** 10.00 **Total Delivered Hours:** 24.00
Total Learning Hours: 100 **Private Study:** 76

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Online	24.000

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	2000 WORD ESSAY	100.0	

Aims

To give insight into both academic and industrial research processes, provide for understanding of different research methods, approaches, techniques and strategies to undertake research in the built environment.

Learning Outcomes

ISBN	6613407062
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Course Material	Book
Author	John Biggam
Publishing Year	2008
Title	Succeeding with your master's dissertation: a step-by-step handbook
Subtitle	
Edition	
Publisher	Imprint Maidenhead: Open University Press
ISBN	0335227198

Course Material	Book
Author	Bell, Judith
Publishing Year	2010
Title	Doing your research project: a guide for first-time researchers in education, health and social science
Subtitle	
Edition	5th Edition
Publisher	Maidenhead: McGraw-Hill Open University Press
ISBN	9780335239146

Course Material	Book
Author	Creswell, John W
Publishing Year	2009
Title	Research design: qualitative, quantitative and mixed methods approaches
Subtitle	
Edition	3rd Edition
Publisher	Thousand Oaks, CA; London: SAGE
ISBN	9781412965569

Course Material	Book
Author	Creswell, John W
Publishing Year	2013
Title	Qualitative inquiry & research design: choosing among five approaches
Subtitle	
Edition	3rd Edition
Publisher	Los Angeles, [Calif.]; London: SAGE
ISBN	1412995302

Course Material	Book
Author	Naoum, Shamil G
Publishing Year	2007
Title	Dissertation research and writing for construction students
Subtitle	

Edition	2nd Edition
Publisher	Oxford: Butterworth
ISBN	0750682647

Course Material	Book
Author	Adair, John Eric
Publishing Year	2005
Title	The concise Adair on communication and presentation
Subtitle	
Edition	2nd Edition
Publisher	London: Thorogood
ISBN	1854182285

Course Material	Book
Author	Bradbury, Andrew
Publishing Year	2010
Title	Successful presentation skills
Subtitle	
Edition	4th Edition
Publisher	London; Philadelphia: Kogan Page
ISBN	9780749456627

Course Material	Book
Author	Chivers, Barbara
Publishing Year	2007
Title	A student's guide to presentations: making your presentation count
Subtitle	
Edition	
Publisher	Los Angeles, Calif. ; London : Sage
ISBN	9780761943686

Course Material	Book
Author	Lebrun, Jean-Luc
Publishing Year	2010
Title	When the scientist presents: an audio and video guide to science talks
Subtitle	
Edition	
Publisher	Singapore; Hackensack, N.J.: World Scientific
ISBN	9789812839206

Course Material	Book
Author	Hering, Lutz
Publishing Year	2010
Title	How to write technical reports: understandable structure, good design, convincing

Subtitle	
Edition	
Publisher	Heidelberg; London: Springer
ISBN	3540699295

Course Material	Book
Author	Andrew Knight and Les Ruddock
Publishing Year	2008
Title	Advanced research methods in the built environment
Subtitle	
Edition	
Publisher	Chichester, West Sussex, United Kingdom; Ames, Iowa: Wiley
ISBN	9781444309515

Notes

Provides an understanding of the academic research process from a social and technological perspective, showing the different techniques and strategies available to ensure that research of a high standard is undertaken. The students will be trained on where and how to effectively source the information for research purposes; they will be taught in using specific scientific databases to find the latest state-of-the-art research papers in peer-reviewed journals and conference proceedings. The students will be provided with a set of skills that would enable them to critically evaluate various information sources by a range of criteria, such as journals' impact factor and citation index. A practical training on how to reference research articles using specialist software such as EndNote will be offered. Methods of planning/undertaking research will be discussed in order that students are prepared to select a route which will enable effective answering of the research question in the given time and with the given facilities/equipment. In addition, effective communication of research will be discussed to ensure that not only can research be undertaken, but it can also be disseminated as an effective contribution to knowledge.