

H9CONT: Contemporary Topics in Fintech

Module Code:	H9CONT
Long Title	Contemporary Topics in Fintech APPROVED
Title	Contemporary Topics
Module Level:	LEVEL 9
EQF Level:	7
EHEA Level:	Second Cycle
Credits:	5
Module Coordinator:	Simon Caton
Module Author:	Simon Caton
Departments:	School of Computing
Specifications of the qualifications and experience required of staff	
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
#	Learning Outcome Description
LO1	Investigate and evaluate future and emerging technologies in the programme domain.
LO2	Propose and defend a novel knowledge and/or business artefact; identifying its implications and potential academic as well as business contributions to the domain.
LO3	Execute and critically appraise an initial proof-of-concept and/or exploratory study related to the proposed artefact.
LO4	Formalise initial findings using appropriate academic dissemination methods.
LO5	Exercise personal responsibility and autonomous initiative in self-directed learning.
Dependencies	
Module Recommendations	
No recommendations listed	
Co-requisite Modules	
No Co-requisite modules listed	
Entry requirements	

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Module Content & Assessment			
Indicative Content			
Contemporary Topics Reviewing the progression of the domain to date. Selected contemporary topics in the programme domain. Selected future and emerging technologies in the programme domain.			
Introduction to the scientific method • Articulation and structuring of a research problem. • Finding, considering and critically appraising relevant related work. • Reviewing research and evaluation methodologies. • Contextualising findings with respect to existing theory. Structuring and writing academic papers. Structuring and delivering conference style presentations. Defending research questions, methods and findings. Personal as well as collective reviews of self-efficacy, rigor and robustness. Interpreting results and their significance with respect to formalising new knowledge.			
Assessment Breakdown			%
Coursework			100.00%
Assessments			
Full Time			
Coursework			
Assessment Type:	Continuous Assessment	% of total:	5
Assessment Date:	n/a	Outcome addressed:	1
Non-Marked:	No		
Assessment Description: Pitch: learners will pitch their artefact proposal for initial feedback.			
Assessment Type:	Continuous Assessment	% of total:	15
Assessment Date:	n/a	Outcome addressed:	1,2,4
Non-Marked:	No		
Assessment Description: Mid term presentation / poster.			
Assessment Type:	Continuous Assessment	% of total:	40
Assessment Date:	n/a	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		
Assessment Description: Seminar Paper: a workshop or conference style paper that: • formalises the research context, • discusses related work, • summarises the research methodology, • provides a structured discussion of initial results in the context of existing theory, and • outlines future work for the capstone project			
Assessment Type:	Continuous Assessment	% of total:	30
Assessment Date:	n/a	Outcome addressed:	1,3,4
Non-Marked:	No		
Assessment Description: Final presentation: conference style presentation of the seminar paper.			
Assessment Type:	Continuous Assessment	% of total:	10
Assessment Date:	n/a	Outcome addressed:	5
Non-Marked:	No		
Assessment Description: Academic responsibility: a measure of learner contributions to seminar sessions.			
No End of Module Assessment			
No Workplace Assessment			
Reassessment Requirement			
Coursework Only <i>This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.</i>			

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Module Workload				
Module Target Workload Hours 0 Hours				
Workload: Full Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Tutorial	No Description	15	Every Week	15.00
Seminars	No Description	20	Every Week	20.00
Independent Learning Time	No Description	90	Every Week	90.00
Total Weekly Contact Hours				35.00
Workload: Part Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Tutorial	No Description	24	Every Week	24.00
Independent Learning Time	No Description	202	Every Week	202.00
Lecture	No Description	24	Every Week	24.00
Total Weekly Contact Hours				48.00

Module Resources	
<i>Recommended Book Resources</i>	
<p>Chishti, Susanne and Janos Barberis.. The FINTECH Book: The Financial Technology Handbook for, Wiley, [ISBN: 111921887X.].</p> <p>Michael P. Marder. Research Methods for Science, Cambridge University Press, p.236, [ISBN: 0521145848].</p> <p>Sherri L. Jackson. Research Methods and Statistics, Wadsworth Publishing, p.448, [ISBN: 1111346550].</p>	
<i>Supplementary Book Resources</i>	
<p>John W. Creswell.. Research design, Thousand Oaks; Sage Publications, [ISBN: 1452226105].</p> <p>Frederick L. Coolidge. Statistics, Sage Publications, Inc, p.488, [ISBN: 1412991714].</p>	
<i>This module does not have any article/paper resources</i>	
<i>Other Resources</i>	
<p>[Website], FinTech Section of Dataeconomy, http://dataconomy.com/fintech/</p> <p>[Website], FinTech Week, https://fintechweek.com/</p> <p>[Website], SSRN Working Papers: Journal of Computational Finance, http://www.ssrn.com/link/Journal-of-Comp utational-Finance.html</p> <p>[Website], WSJ FinTech Blog., http://blogs.wsj.com/digits/tag/fintech/</p>	
Discussion Note:	