



Information Systems and Ethics Course Descriptor

Course Title	Information Systems and Ethics	Faculty	EDGE Innovation Unit (London)
Course code	NCHMV579	Course Leader	Marta Rodriguez-Martinez
Credit points	15	Teaching Period	6 weeks
FHEQ level	5	Date approved	March 2021
Compulsory/ Optional	Compulsory		
Prerequisites	Database Fundamentals, Data Management		
Co-requisites	None		

COURSE SUMMARY

This course builds on prior learning of data management and the regulations affecting the processing of data, to teach learners how information travels through organisations to support business practice. Learners explore how networks of hardware, software and people facilitate the creation, collection, filtration, processing and distribution of data to support decision-making that drives competitive advantage. Ethical concerns relating to ownership, consent, privacy and power dynamics are taught. Learners debate decision-making methodologies including a decision intelligence approach. Learners analyse business modelling in relation to ethical and decision-making frameworks.

COURSE AIMS

- Train learners on the underlying principles and concepts of information systems and business modelling.
- Train learners to evaluate information systems and their effectiveness in business.
- Provide learners with the tools to develop decision-making protocols that maximally exploit available information.
- Equip learners to handle core ethical considerations involved in developing and implementing data-driven decision-making processes.

LEARNING OUTCOMES

On successful completion of the course, learners will be able to:

KNOWLEDGE AND UNDERSTANDING

K1b Describe and evaluate the significance of the components of an information system.

K1b Apply and evaluate the 'decision intelligence' approach and develop a specific decision-making methodology that limits biases.

SUBJECT SPECIFIC SKILLS

S1b Evaluate the information systems within a business and identify issues and opportunities for improvement.

S2b Compare risk mitigation strategies associated with ethical violations in data management and justify recommendations.

TRANSFERABLE AND PROFESSIONAL SKILLS

T1b Use diagrams to help navigate complex non-linear scenarios.

T2b Identify areas for improvement and suggest solutions.

T3b Employ a framework for assessing the ethical ramifications of an organisations' actions.

TEACHING AND LEARNING

The course learning and teaching hours will be structured as follows:

- Seminar = 15 hours
- Applied Seminar = 7.5 hours
- Coaching session = 1 hour
- Academic Drop-ins = 4 hours
- Reading and Assessment Prep = 32.5 hours
- Application of learning = 90 hours

Total = 150 hours

ASSESSMENT

FORMATIVE

Learners will be formatively assessed during the course through a range of techniques. During seminars, applied learning seminars and one to one coaching, questioning and quizzing are used as formative assessment. The purpose of the formative assessment is to provide learners with developmental feedback to support their learning.

SUMMATIVE

AE	Assessment Type	Weighting	Online submission	Duration	Length
1	Written Assignment	60%	Yes	-	2000 words +/-10%
2	Oral	40%	No	30 minutes +/-10%	-

The summative assessment will be assessed in accordance with the assessment aims set out in the Programme Specification.

FEEDBACK

Learners will receive formal feedback in a variety of ways. For summative assessments, feedback is written and provided within 20 days of submission, and for formative assessment it could include verbal or written feedback. Learners will also have a progress review each quarter with their Multiverse Coach and their Line Manager. These reviews are an opportunity to discuss progress to date both in their role and on the degree programme.

INDICATIVE READING

Note: Comprehensive and current reading lists for courses are produced annually in the Course Syllabus or other documentation provided to learners; the indicative reading list provided below is used as part of the approval/modification process only.

BOOKS

Bocij, P., Greasley, A. and Hickie, S., 2019. *Business information systems: Technology, development and management*. Pearson education.

Pratt, L., 2019. *Link: How Decision Intelligence Connects Data, Actions, And Outcomes For A Better World*. Emerald Publishing Limited.

Miller, K.W. and Taddeo, M. eds., 2020. *The ethics of information technologies*. Routledge.

INDICATIVE TOPICS

Learners will study the following topics:

- Information systems (definitions, types and assessment tools)
- Data-driven decision making
- Data ethics

Title: NCHMV579 Information Systems and Ethics Course Descriptor					
Approved by: Academic Board					
Version number	Date approved	Date published	Owner	Location	Proposed next review date
1.0	March 2021	March 2021	Marta Rodriguez-Martinez	Multiverse website	March 2026
Modifications (As per AQF4)					
Version number	Date approved	Date published	Modification (including category number)		