New College of the Humanities

Data Management Systems Course Descriptor

Course Title	Data Management Systems	Faculty	EDGE Innovation Unit (London)
Course code	NCHNAP446	Course Leader	Professor Scott Wildman (interim)
Credit points	15	Teaching Period	This course will typically be delivered over a 6-week period.
FHEQ level	4	Date approved	June 2020
Compulsory/ Optional	Compulsory		
Prerequisites	None		

COURSE SUMMARY

This course explores how a wide range of enterprises around the world use information and information technology to create better managed, more innovative, and successful organisations. Today's business leaders must have ready access to timely, accurate, and relevant information to manage effectively in the global economy. Learners will have the opportunity to apply their knowledge of data management systems using industry-standard cloud-based technology e.g. using ServiceNow training.

COURSE AIMS

- Train learners in the key terminology and concepts of data management systems.
- Train learners to understand the central role of information management (IM) and information systems in enabling value delivery, performance evaluation, and strategic value identification within and across organizations.
- Give learners the opportunity to explore a variety of enterprises around the world and how they employ IM and IT to automate, informate, collaborate, and innovate.

- Give learners the opportunity to practice applying analytic frameworks for maximizing the return on investment for business information systems.

LEARNING OUTCOMES

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

KNOWLEDGE AND UNDERSTANDING

K1a	Understand the underlying principles and concepts of data management systems.
K2a	Develop information literacy and planning knowledge by comparing and contrasting various options for IT project and portfolio management and how each aligns with different approaches of digital governance.
K3a	Understand the role of emerging information technologies in producing both strategic opportunities and strategic threats to organizations.

SUBJECT SPECIFIC SKILLS

S1a	Classify various types of business information systems and how they meet organisational needs by addressing information problems across the value chain.
S2a	Apply analytic frameworks to assess the strategic value of information systems.
S3a	Apply descriptive frameworks to specify and mitigate the risks of ethical and legal issues involved with information assurance (information quality and cybersecurity).

TRANSFERABLE AND PROFESSIONAL SKILLS

T1ai	Research a topic independently to extract and synthesise information from a range of academic and online source.
T1aii	Display a developing technical proficiency of written English skills that demonstrates an ability to communicate clearly and accurately when producing structured and coherent pieces of text.
T2a	Relate knowledge of theory to practice.
T3a	Engage in critical thinking.

TEACHING AND LEARNING

This is an e-learning course, taught throughout the year.

This course can be offered as a standalone short course.

Teaching and learning strategies for this course will include:

- On-line learning
- On-line Discussion Groups
- Final project

Course information and supplementary materials will be available on the College's Virtual Learning Environment (VLE).

Learners are required to attend and participate in all the formal and timetabled sessions for this course. Learners are also expected to manage their self-directed learning and independent study in support of the course.

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

- Off-the-job learning and teaching (6 days x 7 hours) = 42 hours
- On-the-job learning (12 days x 7 hours) = 84 hours (e.g. 2 days per week for 6 weeks)
- Private study (4 hours per week) = 24 hours

Total = 150 hours

Workplace assignments (see below) will be completed as part of on-the-job learning.

ASSESSMENT

FORMATIVE

Learners will be formatively assessed during the course by means of set assignments. These will not count towards the final degree but will provide learners with developmental feedback.

SUMMATIVE

Assessment will be in two forms:

AE	Assessment Type	Weighting	Online submission	Duration	Length
1	Written Assignment (workplace case study)	70%	Yes	Requiring on average 25-35 hours to complete	2,500 words +/- 10%, excluding data tables
2	Computer-based examination	30%	Yes	1 hour	N/A

FEEDBACK

Learners will receive formal feedback in a variety of ways: written (via email or VLE correspondence) and indirectly through online discussion groups. Learners will also attend a

formal meeting with their Academic Mentor (and for apprentices, including their Line Manager). These bi- or tri-partite reviews will monitor and evaluate the learner's progress.

Feedback is provided on summatively assessed assignments and through generic internal examiners' reports, both of which are posted on the VLE.

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

- Belanger, F., Van Slyke, C. and Crossler, R. E., (2019), *Information Systems for Business An Experiential Approach*, Prospect Press.
- Laudon, K. C. and Laudon, J. P., (2019), *Management Information Systems: Managing the Digital Firm*, Pearson
- Bockij, P. (2018), *Business Information Systems: Technology, Development and Management for the Modern Business*, Pearson

JOURNALS

Learners are encouraged to read material from relevant journals related to Data Management Systems as directed by their trainer.

ELECTRONIC RESOURCES

Learners are encouraged to seek out websites related to Data Management Systems.

INDICATIVE TOPICS

- An Introduction to Management Information Systems (MIS) and The MIS Integrated Learning Framework
- Assessing the quality and value of information
- Computer Hardware

Title: NCHNAP446 Data Management Systems **Approved by: Academic Board** **Location: Academic Handbook/Programme specifications and Handbooks/ Undergraduate Apprenticeship Programmes/BSc (Hons) Digital & Technology Solutions Programme Specification/Course Descriptors**					
Version number	Date approved	Date published	Owner	Proposed next review date	Modification (As per AQF4) & category number
2.1	May 2022	May 2022	Scott Wildman	June 2025	Category 1: Corrections/clarifications to documents which do not change approved content.
2.0	January 2022	April 2022	Scott Wildman	June 2025	Category 3: Changes to Learning Outcomes
1.0	June 2020	June 2020	Scott Wildman	June 2025	