Module Specification

Enterprise Information Systems [TSI]

Version: 2021-22, v1.0, 26 Oct 2021

Contents

Part 1: Information

Module title: Enterprise Information Systems [TSI]

Module code: UFCEH1-12-M

Level: Level 7

For implementation from: 2021-22

UWE credit rating: 12

ECTS credit rating: 6

Faculty: Faculty of Environment & Technology

Department: FET Dept of Computer Sci & Creative Tech

Partner institutions: Transport and Telecommunication Institute

Delivery locations: Transport and Telecommunication Institute Latvia

Field: Computer Science and Creative Technologies

Module type: Standard

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module considers modern and emerging concepts of information systems application in business.

Features: Not applicable

Educational aims: The aim of this module is to explore enterprise information system selection principles, integration, application, and management.

Outline syllabus: Information systems

Case-study: Information Systems

Evolution of EIS systems

EIS integration levels, methods, techniques, approaches

EIS systems integration & critical success factors to consider

EIS selection methods, techniques, approaches

EIS evaluation techniques/methods/approaches

Emerging trends in EIS

Part 3: Teaching and learning methods

Teaching and learning methods: Learning and teaching will be provided to students in two forms: lectures and practical classes. During lectures, theoretical aspects of the course will be provided to students by the teaching staff. Lectures will be supported by presentations that are published and available to the students on e.tsi.lv under the module section. Also, additional materials, like publications on the internet, videos, case-studies etc will be presented in e.tsi.lv. The self-reading assignment will be used to enrich students with different visions on the problems/issues.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

    MO1 Evaluate different types of EIS in a range of contexts, with respect to types, roles and applicability

    MO2 Identify and evaluate critical success factors and potential issues in relation to the development and integration of EIS systems.

MO3 Apply and evaluate multi-criteria analysis frameworks and other techniques used in EIS selection and application.

MO4 Critically discuss emerging trends in EIS and related technologies.

Hours to be allocated: 120

Contact hours:

Independent study/self-guided study = 112 hours

Face-to-face learning = 48 hours

Total = 160

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://rl.talis.com/3/uwe/lists/1150FD08-D146-1830-A8C9-F9C4AB11E2F5.html?lang=en-gb&login=1

Part 4: Assessment

Assessment strategy: This consists of a portfolio of work,

Component A
CW1 - Students will review a series of case studies, which will present EIS systems in a range of difference scenarios.

The resit for this module will require students to investigate a single case study and produce a written report covering all learning outcomes.

Assessment components:

In-class test - Component A (First Sit)
Description: Questions build around present literature
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3, MO4

Portfolio - Component A (First Sit)

Description: Portfolio of individual tasks

Weighting: 30 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Written Assignment - Component A (First Sit)

Description: Written report (2000 words)

Weighting: 45 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

In-class test - Component A (Resit)

Description: Series of questions built from reading

Weighting: 25 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Portfolio - Component A (Resit)

Description: Resit failed elements from the first sit

Weighting: 30 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Written Assignment - Component A (Resit)

Description: Written report, student can select topic but this agreed with the academic team (2000 words)

Weighting: 45 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Computer Science (Data Analytics and Artificial Intelligence) {Double Degree} [Feb][FT][TSI][2yrs] MSc 2021-22