COURSE SYLLABUS
Design of Smart Enterprises, 7.5 credits

Design of Smart Enterprises, 7,5 högskolepoäng

Course Code:	JDSR28	**Education Cycle:**	Second-cycle level
Confirmed by:	Council for Undergraduate and Masters Education Nov 30, 2016	**Disciplinary domain:**	Technology (95%) and social sciences (5%)
Valid From:	Spring 2018	**Subject group:**	DT1
Version:	1	**Specialised in:**	A1N
Reg number:	IHH/404-313	**Main field of study:**	Informatics

Intended Learning Outcomes (ILO)

After a successful course, the student shall:

Knowledge and understanding
- demonstrate comprehension of the principle for enterprise design and enterprise architecture
- demonstrate comprehension of the concept of smart enterprises
- display knowledge of research trends in the areas relevant for smart enterprises in connection to future demands

Skills and abilities
- demonstrate the ability to describe an enterprise design and enterprise architecture taking into account business and technology dimensions
- demonstrate an understanding of of modelling and visualizing various aspects of an enterprise using modern standards and tools

Judgement and approach
- demonstrate an understanding of how enterprise design and EA can enable smart enterprises

Contents

The course provides knowledge and skills of applying a holistic perspective on enterprise design. This will be done via capturing, describing and structuring different dimensions of an enterprise such as business objectives, technology developments and human needs. The course will also address the process of conducting such type of development. The course will describe ways of dealing with opportunities and challenges connected to Industry 4.0. A framework for enterprise design will be introduced and used in the course.

Type of instruction

The course consists of lectures, seminars and assignments with tutoring.

The teaching is conducted in English.

Prerequisites

Bachelor's degree in Informatics, Business Administration or Computer Science (or the equivalent). Proof of English proficiency is required (or the equivalent).

Examination and grades

The course is graded A, B, C, D, E, FX or F.

The final grade for the course is based upon a balanced set of assessments. The final grade will only be issued after satisfactory completion of all assessments.

Registration of examination:

Name of the Test	Value	Grading
Written Examination	3 credits	A/B/C/D/E/FX/F
Assignments	4.5 credits	A/B/C/D/E/FX/F

Course evaluation

It is the responsibility of the examiner to ensure that each course is evaluated. At the outset of the course, evaluators must be identified (elected) among the students. The course evaluation is carried out continuously as well as at the end of the course. On the completion of the course the course evaluators and course examiner discuss the course evaluation and possible improvements. A summary report is created and archived. The reports are followed up by program directors and discussed in program groups and with relevant others (depending on issue e.g. Associate Dean of Education, Associate Dean of faculty, Director of PhD Candidates, Dean and Director of Studies). The next time the course runs, students should be informed of any measures taken to improve the course based on the previous course evaluation

Other information

Academic integrity

JIBS students are expected to maintain a strong academic integrity. This implies to behave within the boundaries of academic rules and expectations relating to all types of teaching and examination.

Copying someone else's work is a particularly serious offence and can lead to disciplinary action. When you copy someone else's work, you are plagiarizing. You must not copy sections of work (such as paragraphs, diagrams, tables and words) from any other person, including another student or any other author. Cutting and pasting is a clear example of plagiarism. There is a workshop and online resources to assist you in not plagiarizing called the Interactive AntiPlagiarism

Guide.

Other forms of breaking academic integrity include (but are not limited to) adding your name to a project you did not work on (or allowing someone to add their name), cheating on an examination, helping other students to cheat and submitting other students work as your own, and using non-allowed electronic equipment during an examination. All of these make you liable to disciplinary action.

Course literature

Title: Intersection: How Enterprise Design Bridges the Gap Between Business, Technology and People.
Author: Milan Guenther
Publisher: Morgan Kaufmann