Design and development of digital archives 7.5 credits B0001N

Design och utveckling av digitala arkiv

Course syllabus admitted: Autumn 2010 Sp 1 - Autumn 2011 Sp 1

DECISION DATE
2010-02-19

Design and development of digital archives 7.5 credits B0001N

Design och utveckling av digitala arkiv

First cycle, B0001N

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG		Computer Science

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and Basic knowledge of Systems Science, Computer Science, Archival Science or Library and Information Science, 60 ECTS.

Selection

The selection is based on 1-165 credits.

Examiner

Ann Hägerfors

Course Aim

The student will be able to:

- Design and develop digital archives, based on information systems development
- Identify problems and possibilities with different approaches in different organisational contexts
- Describe and analyze how long-term perspectives and organisational concern influence the development of digital repositories and suggest solutions to the identified problems

Contents

Design and development of digital archives, including frameworks, standards and principles suitable in a long-term perspective. Information systems development models and methods are discussed in the context of long-term digital preservation and digital curation organisations. The student will be able to identify problems and possibilities with different approaches in different organisational contexts, and suggest solutions to defined problems.

Realization

Each course occasion´s language and form is stated and appear on the course page on Luleå University of Technology's website.
Teaching is in English and on Internet for distance students or at campus for the students living here. IT support: Learning management system (Fronter), video conference system, e-mail and phone.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

Written exam covers design of digital archives and analysis of how long-term perspectives influence the design and development.

Group assignments cover design and development of digital archives as well as identification of problem regarding long-term digital preservation in an organizational context, and analysis of these problems can be addressed.

Remarks

Technical Requirements: access to PC with Windows XP, microphone, Web cam and permission to install software. Internet connection (minimum 0,5 Mbps). Students must register to the courses themselves or contact the IES educational administration not later than 5 days after the quarter commences. Failure to do so can result in the place being lost. This also applies to the students with a place guarantee.

Literature. Valid from Autumn 2009 Sp 1

Will be announced later

Course offered by

Department of Computer Science, Electrical and Space Engineering

Items/credits

Number	Type	Credits	Grade
0001	Written exam	4	U G VG
0002	Group work	3.5	U G#

Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by 2010-02-19

Syllabus established

by Institutionen för industriell ekonomi och samhällsvetenskap 2009-02-22

LULEÅ
TEKNISKA
UNIVERSITET