Linnæus University

Course syllabus

Faculty Board of Science and Engineering
School of Computer Science, Physics and Mathematics

4IK002 Etik och profession inom IT, 7,5 högskolepoäng
Ethics and Profession in Information Technology, 7.5 credits

Main field of study
Information Systems

Subject Group
Informatics/Computer and Systems Sciences

Level of classification
Second Level

Progression
A1N

Date of Ratification
Approved by the Board of the School of Computer Science, Physics and Mathematics
2009-09-08

Revised 2010-08-03. Revision of prerequisites and course evaluation.

The course syllabus is valid from spring semester 2011

Prerequisites
Bachelor degree in Computer Science or equivalent.

Expected learning outcomes
The students will have an insight into the meaning of

- a professional behaviour in relation to information technology (IT)
- a morale behaviour concerning IT issues.

The students will have knowledge about

- some basic ethical theories
- moral problem within informatics.

The students should be able to

- perform an ethical analysis, specifically of a consultancy task
- have a motivated standpoint of their own.

Content

- What does ethics mean?
- What is meant by profession?
- Moral and ethics
- Professional codes of ethics in IT and Management
- Free will, Determinism, Philosophy of values
- Integrity and privacy
- Freedom of speech
- I P R-Intellectual Properties and Rights
- Responsibility versus requirements
- Security risk assessment.

Type of Instruction
Teaching consists of lectures, seminars and practical work. Practical work is carried out in groups. Attendance at some activities may be mandatory.

Examination
The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).
Assessment of the student's performance is made through written examination and/or assignments which are presented orally and/or in written form. The assessment method is decided at the start of the course. Students who do not pass the regular examination are given the opportunity to do a resit examination shortly after the regular examination.

On request, students may have their credits translated to ECTS-marks.
Such a request must be sent to the examiner before the grading process starts.

Course Evaluation
A course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The result of the course evaluation will be filed at the department.

Required Reading and Additional Study Material
Required reading
Spinello, D. G., *Case Studies in Information Technology Ethics*, Prentice Hall, 2003. Pages 150 (250).

Johnson, D. G., *Computer ethics*, Prentice Hall, 2001. Pages 240 (240).

Johnston, O. A., *Ethics: selections from classical and contemporary writers*, Holt Rinehart and Winston, 1989. Pages 200 (452).

Ljung, L.-E., *Kompendium i dataetik*, Växjö universitet, 2009. Pages 150.