



COURSE PRESENTATION FORM – ACADEMIC YEAR 2010/2011

COURSE NAME	Open Source Software Engineering
COURSE CODE	72074 (MSc New - DM 270) / 70210 (MSc Old – DM 509)
LECTURER	Etiel Petrinja
TEACHING ASSISTANT	None
TEACHING LANGUAGE	English
CREDIT POINTS	4
LECTURE HOURS	24
EXERCISE HOURS	12
TIME SPAN	21.02.2011 - 11.06.2011
TIME TABLE	See Timetable Page
OFFICE HOURS LECTURER	During the lecture time span, Wednesdays 16:00-17:00, Faculty of CS, POS Building, piazza Domenicani 3 , office 1.12
OFFICE HOURS TEACHING ASSISTANT	--
PREREQUISITES	Basic understanding of the software engineering development process and techniques.
OBJECTIVES	Develop a critical understanding and awareness of open source software motivations, practices, techniques, and solutions available for software development.
SYLLABUS	<ul style="list-style-type: none">• Motivation for OSS engineering• Understanding Open Source and Free Software Licensing• OSS development practices• Distributed development in OSS• Communication in OSS• OSS Development environment• OSS projects governance• OSS Business models• Quality of OSS products• Quality of the OSS development process• Challenges of OSS
TEACHING FORMAT	Lectures plus exercises in laboratory



ASSESSMENT

Written final exam:

- Exercises in lab (30% of the final grade)
- Final exam (70% of the final grade)

READING LIST

- Sulayman K. Sowe, et al.: Emerging Free and Open Source Software Practices, 2008
- Feller Joseph, et al.: Perspectives on Free and Open Source Software, 2005
- Goldman Ron, and Gabriel Richard P.: Innovation Happens Elsewhere, Open Source as Business Strategy, 2005

SOFTWARE USED

- Java
- Eclipse
- Office tools

LEARNING OUTCOME

After participation to this course the student will acquire a broad overview on key aspects of Open Source Software and Free Software Engineering practices.

COURSE PAGE

<web address of the page where course related materials are made available>