

„POLITEHNICA” UNIVERSITY FROM TIMIȘOARA

SYLLABUS

for the discipline:

INFORMATION TECHNOLOGY PROJECT MANAGEMENT

FACULTY: AUTOMATION AND COMPUTERS

DOMAIN / SPECIALIZATION: SOFTWARE ENGINEERING

Year of studies: I (MASTER)

Semester: 2

Course instructor: professor Vladimir Crețu, PhD Applications instructor:
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Number of hours/week/Evaluation/Credits					
Course	Seminar	Laboratory	Project	Evaluation	Credits
2	0	0	2	Exam	9

A. COURSE OBJECTIVES

Information Technology Project Management course presents an integrated view of the many concepts, skills, tools, and techniques involved in information technology project management. The course provides a strong foundation for the knowledge and abilities necessary to manage an IT project.

B. COURSE SUBJECTS (28 hours)

1. Introduction to project management (1 hour)
2. The project management context and processes (2 hours)
3. Project integration management (2 hours)
4. Project scope management (1 hour)
5. Project time management (2 hours)
6. Project cost management (2 hours)
7. Project Quality management (2 hours)
8. Project human resources management (2 hours)
9. Project communications management (2 hours)
10. Project risk management (2 hours)
11. Project procurement management (2 hours)
12. Initiating (1 hour)
13. Planning (2 hours)

14. Executing (2 hours)
15. Controlling (2 hours)
16. Closing (1 hour)

C. APPLICATIONS SUBJECTS (laboratory, project) (28 hours)

The students will be grouped in teams (3-4 members) and each team will elaborate a project based on course topics. The projects will be presented at the end of the course in a special project session.

D. REFERENCES *Se pastreaza indicatiile din modelul in lb. romana*

1. K.Schwalbe, "Information Technology Project Management", Thomson Learning, 2000
2. L. Zells, "Managing Software Projects", QED Information Science, Massachusetts, 2000
3. P.W.Metzger : "Managing a Software Project", Prentice Hall, 1981
4. W.S.Humphrey: "Managing the Software Process", Addison-Wesley, 1989

E. EVALUATION PROCEDURE

Written test	50%
Project content	40%
Project presentation	10%

F. INTERNATIONAL COMPATIBILITY

1. Computing Curricula- Strawman Draft 2004

Date: 26-th of March 2007

HEAD OF DEPARTMENT

Prof. Dr. ing. Vladimir-Ioan CREȚU

COURSE INSTRUCTOR,

Prof. Dr. ing. Vladimir-Ioan CREȚU

