

General Information:

Name of Course:	PROJECT MANAGEMENT 3
Course Code:	MSM343AN
Semester:	3 rd
Number of Credits:	2
Allotment of Hours per Week:	2 practices
Evaluation:	graded upon course work
Prerequisites:	-
Instructors:	Csaba Béla Vida assistant professor Office: 7624 Hungary, Pécs, Boszorkány u. 2. E-mail: vida.griff@gmail.com

Introduction, Learning Outcomes

After the training the student will be able to be in a computer environment:

- participate in the development of the organizational framework, database system and IT background of computer-aided project management;
- to contribute to the design, approval process, updating and publication of project plans;
- provide software tools to project planning, time planning, resource planning and cost planning;
- to contribute to the organization, implementation and project evaluation of project monitoring and controlling tasks.

General Course Description and Main Content:

Modelling techniques of time and resource planning: characterization of the GANTT chart and MPM network diagram, their application in today's project management practice. Process switching methods and modelling.

Elements of the MPM network diagram, computing. Ms Project program, program settings, editing commands. Knowing the Top-Down Technique, creating the work breakdown structure (WBS). Traditional Top-Down Technique of logic and technology analysis and the modernized interview-based dual comparison method. Time-limited scheduling - the importance of critical path and the reserve time. Opportunities to shorten lead times.

Placement of a milestone in the time schedule. Managing the resources available, opportunities, constraints.

Assigning resources to activities. Presentation of the resource histogram. The relationship between work schedule and calendars. How to create custom calendars? A resource-limited schedule. Options for resource-finishing. Implementation and resource monitoring. Saving a baseline plan. The role of the baseline in tracking the project. Recording and displaying preparedness. Opportunities for displaying results. Comparison of plan and real situation.

Methodology:

To teach Ms Project's basic level of management by processing a case study through a lab work. Presentation of sample tasks, preparation of house work.

Schedule:

Study period in 14 weeks.

1. Independent download and installation of MsProject 2016 and VISIO programs on students' own computers.
2. Describe of the requirements.
Modeling techniques for time and resource planning: characterization of the GANTT diagram and MPM network diagram. Process switching methods and modeling. Elements of the MPM network diagram, computing.
3. Consultation
4. **Classified exercise 1 (MPM)**
Presentation of the Ms Project program, managing the program.
Knowing Top-Down Techniques in a Case Study. Program settings, editing commands.
5. Consultation

Project Management 3

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Course Syllabus

Time: L Thursday 16:45-18:15

Location: PTE MIK A-117

6. Creating the WBS structure. Placement of a milestone in the time schedule. Creation of a work breakdown structure.
7. Consultation
8. Logic-technology analysis. Time Analysis - the importance of critical travel and the role of spare time. Time-limited scheduling. Opportunities to shorten lead times.
9. Consultation
10. Manage resources available in Ms Project. Opportunities, constraints. Assigning resources to activities. The resource histogram and its interpretation.
11. Consultation
12. **Classified exercise 2** (Schedule Time Plans with a Gantt Chart).
The relationship between work schedule and calendars. Create custom calendars. A resource-limited schedule. Options for resource-finishing. Performance and resource monitoring. Saving a Basic Plan. The role of the baseline in tracking the project. Enter and display the preparedness. Opportunities for displaying results. Comparison of plan and real situation
13. Consultation
14. Written dissertation for a computer solution of a project.
15. Restorations, corrections

Attendance:

Participation in lab work, successful (at least 40%) graded practice.

During the semester there are two compulsory homework assignments and two graded exercises, and a complex written essay at the end of the semester.

We evaluate homework and scores by scoring.

2x30 points can be obtained with assignments and graded exercises, 100 points can be obtained from the written exam..

Evaluation + Grading

The results achieved can be considered successful if they reach at least 40% of the score.

If a condition is not met then the student will receive a temporary signature refusal.

The course is successful if the performance of the exams is separate and at least 40%. Students will receive a grade based on the following conversion, depending on the total score.

Grading scale

[0,60) 1

[61.79) 2

[80.99) 3

[100.129) 4

[130.160] 5

Students with special needs:

Students with special physical needs and requiring special assistance must first register with the Dean of the Students Office. All reasonable requests to provide an equal learning environment for all students is to be assured.

Textbook, usable literature:

Electronic literature published on labor market. Presentations of the exercises in pdf and pps format