

Name of the course: Project Management IPM-18AUTPME	2+0+0=2
Type: Obligatory	
Total hours of per semester: lecture: 26 practice: 26 consultation: 13 Other: projects in teamwork	
Type of testing: exam Other: projects, tests	
Semester: 1st	
Description It describes the project management life cycle and its related processes, as well as the project life cycle. The course follows "The PMBOK® Guide" that contains the globally recognized standard and guide for the project management profession. The project management standard will be presented as a formal document that describes established norms, methods, processes, and practices. The course will provide an introduction to key concepts in the project management field. The course will summarize the Process Groups and provides an overview of process interactions among the ten Knowledge Areas and five Process Groups. The project management body of knowledge will be discussed, then a detailed description will be provided on the information in the standard by describing the inputs and outputs, as well as tools and techniques used in managing projects. The standard for project management will be shown that depicts the processes, inputs, and outputs that are considered to be good practice on most projects most of the time. The course will define several key terms and the relationship among portfolio management, program management, project management and organizational project management.	
Literature Compulsory <ul style="list-style-type: none"> • A Guide to the Project Management Body of Knowledge: PMBOK(®) Guide Author: Project Management Institute Publisher: Project Management Institute Year Published: 2013 Edition: 5 th ISBN-13: 9781935589679 • A Project Manager's Book of Forms, 2nd Edition: A Companion to the PMBOK® Guide, 5th Edition Author: Cynthia Stackpole Snyder Publisher: Wiley Year Published: 2013 Edition: 2 nd ISBN-13: 9781118430781 Recommended <ul style="list-style-type: none"> • Hinde, David. PRINCE2 study guide. John Wiley & Sons, 2012. • Turley, Frank. "An Introduction to PRINCE2®." Management Plaza (2010). • Richards, Keith. Agile project management: running PRINCE2 projects with DSDM Atern. The Stationery Office, 2007. 	
Competencies	

Knowledge

- Possession of complex and up-to-date knowledge in project management within enterprises, organizations.
- Knowledge of the principles of business and enterprise processes, project organization within enterprises, the relationships with the project and programme management.
- Detailed and expert-level knowledge of the technical terms and expressions of computer science in English.

Competencies

- Expertise in the application of the concepts and methods of project management in complex tasks as organizing of projects, project management, project planning. Ability to develop project plans, project documentation that are in compliance with the requirements of enterprises.
- Ability to formalize complex project management problems, to analyze theoretical and practical background, and to provide adequate solutions.
- Expertise in project planning and management tasks in the domain of complex software systems and database management systems.
- Skills for cooperation and team work, and ability to take leading role.
- Ability for written and oral communication in English, using the technical terms and expressions of computer science. Ability to argue, to prepare reports, to read, understand and exploit scientific and technical material (e.g. books and papers).
- Expertise in utilizing sources of scientific, technical and management information, their critical interpretation and evaluation, and the extraction of information relevant to the solution of a specific problem.
- Ability to perform supervised scientific research, and skills required for post-graduate studies.

Attitude

- Pays attention to professional, management, and technology development related to her/his qualification.
- Commitment to critical feedback and self-assessment.
- Commitment to lifelong learning and receptivity to new IT competencies.
- Adopts and coordinates the ethical principles of work, organizational culture and research.
- Shares and communicates professional knowledge, and professional results.
- Demonstrates and implements eco-conscious behavior and social responsibility, helping them with IT tools.
- Commitment to quality standards and its IT tools.
- Open to initiate collaboration with IT and other specialists.

Autonomy and responsibility

- Takes responsibility for his professional decisions taken during his professional activities.
- Takes responsibility for observing and enforcing deadlines.
- Takes responsibility for own and fellow workers' work.
- In the case of mission critical IT systems, he/she can be assigned responsibility for management, project management, leading teams according to his/her professional competencies.