

## Knowledge management Course

<i>Name of the subject:</i> <b>Knowledge Management - PhD</b>	<i>SUBJECT code:</i>	<i>Weekly hours:</i> 6 lectures + 4 indoor practice	<i>Credit:</i> 15
<i>Subject leader:</i> Ivan Jovanović	<i>Academic Degree:</i> Associate Professor	Prerequisites: The acquired knowledge from the Strategic Management, the Managing New Technologies and Innovation and the R&D Management	

**Purpose:** Acquiring and improvement of the necessary knowledge about principles of knowledge management.

**Course description:** After this course, students will be able to recognize and understand the methods and techniques of strategic knowledge management as well as practical application through data analysis and protection of intellectual capital.

### Schedule

Weeks	Topics
1.	Key concepts and historical context of knowledge management. Different approaches to knowledge management- economic, organization and strategic school.
2.	Definitions of knowledge and knowledge components. Development of knowledge.
3.	Development of knowledge, 'Learning Wheel' and intelligence.
4.	The basics models of knowledge management.
5.	Knowledge strategy. Knowledge as strategic resource.
6.	The process of knowledge management.
7.	Knowledge management system.
8.	Knowledge management functions.
9.	The degrees of technology knowledge management development.
10.	Knowledge management strategy- strategic analysis, strategic choice, strategic implementation.
11.	Intellectual capital and classification.
12.	Intellectual capital management and protection.
13.	Methodology for acquiring and evaluation of information.
14.	Data-mining.

**Final grade:** Defended seminar paper - 40 points. Exam - 60 points. Method of knowledge testing can be: a written examination, oral examination, the test exam, project presentations, seminars, etc. The evaluations, based on the results are as follows: 0-50 fail (5); 51-60 pass (6); 61-70 good (7); 71-80 very good (8); 81-90 excellent (9); 91-100 exceptional (10).

#### **Compulsory literature:**

1. Bergeron, B., Essentials of knowledge management, John Willey and Sons inc., New Jersey, 2005.
2. Djordjević Boljanović, J., Knowledge Management, Datastatist, Belgrade, 2009.

**Supplemental literature:**

1. Stankosky, M., Creating the discipline of knowledge management, Elsevier, Oxford, 2005.
2. Gottshalk, P., Strategic Knowledge Management Technology, Idea Group Publishing, Hershey, 2005.
3. Porter, A., Cunningham, S., Tech-Mining - Exploiting New Technologies for Competition Advantage, John Willey and Son, CNC, New Jersey, 2005.
4. Articles from international journals in the field of knowledge management