

## Technology and Innovations Course

<i>Name of the subject:</i> <b>Technology and Innovations - PhD</b>	<i>SUBJECT code:</i>	Weekly hours:10	Credit: 15
<i>Subject leader:</i> Nada Strbac Isidora Milosevic	<i>Academic Degree:</i> Full Professor Associate Professor	Prerequisites: Previous knowledge in the field of Management of New Technology and innovation	

**Purpose** of the course is to acquire knowledge in the field of development of innovative activities company management of and life cycles of applied technology, technologies transfer, introduction a real technologies for fostering development companies

**Course description:** Acquired knowledge should enable the understanding of the process of commercial transfer of technologies and managing the innovation process. Also, acquired knowledge should develop of intellectual, professional and portable skills related to the patenting process and the exploitation of patents through licensing agreements.

### Schedule

Weeks	Topics
1.	Management of Technology and Innovation
2.	Strategy and management of technology and innovation
3.	Innovation: internal strategies, planning, implementations, evaluation and
4.	Conquering technology: external strategies, planning, implementation, evaluation and control
5.	Success Stories
6.	Management of technological innovations (MTI)
7.	The creative possibilities for successful MTI
8.	Organizationally Learning and Knowledge Management

**Final grade:**

Семинарски рад - 20 • Писмени део испита - 40 • Усмени део испита – 40  
The tests of knowledge: Seminar paper-20, , test-40, oral exam-40

**Compulsory literature:**

1. M.A.White, G.D.Bruton, The management of technology and innovations (A strategic approach), TH Tomson, Canada, 2007.
2. J.Terninko, Step by Step QFD (Customer driven product design), St Lucie, Press, Boca Raton, Florida, 1997.
3. V. Nanda, Quality Management Systems Handbook for Product Development Companies, CRC Press, Washington, D.C., 2005.
4. J.E.Ross, Total Quality Management, St. Lucie Press, Washington D.C., 1999

**Supplemental literature:**

International Science Papers