

**UČNI NAČRT PREDMETA / COURSE SYLLABUS**

<b>Predmet:</b>	Industrijska ekonomika
<b>Course title:</b>	Industrial Organization

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Fizika 2. st.		2	3
Physics 2 <sup>nd</sup> degree		2	3

**Vrsta predmeta / Course type**

**Univerzitetna koda predmeta / University course code:**

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
45	0	15	0	0	90	5

**Nosilec predmeta / Lecturer:**

<b>Jeziki / Languages:</b>	<b>Predavanja / Lectures:</b>	Slovenski / Slovene ali /or angleški / English
	<b>Vaje / Tutorial:</b>	Slovenski / Slovene ali /or angleški / English

**Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:**

Predmet zahteva znanja, ki jih študent pridobi pri dodiplomskih predmetu matematike. Nekaj ponovitev ključnih konceptov bo podanih, vendar mora študent poskrbeti, da bo imel ustrezno predznanje, ki je nujno za razumevanje predavanj.

**Prerequisites:**

The course requires that students have taken the undergraduate mathematics course. Some revisions of key concepts will take place however it is the responsibility of students to ensure that they have necessary technical background to follow the course.

**Vsebina:**

- Strukturne spremembe v gospodarstvu
- Input-Output (medsektorska) analiza
- Konjunktorna ekonomika
- Aktualna problematika v sektorjih
- Industrijska politika

**Content (Syllabus outline):**

- Structural changes in economy
- Input-Output analysis
- Business cycle economics
- Recent sectoral changes
- Industrial policy

**Temeljni literatura in viri / Readings:**

1. Strašek, S. in Jagrič, . (2004) Sektorska ekonomika. Univerza v Mariboru, Ekonomsko-poslovna fakulteta, Maribor.
2. Heather K. (2002), The Economics of Industries and Firms, New York: Prentice Hall
3. Ferguson P. (1998), Industrial Economics, UK: Millan

**Cilji in kompetence:**

Cilj predmeta je omogočiti študentom razumevanje sodobnih sektorskih sprememb, posredovati jim temeljna znanja o medsektorski analizi ter spoznati in analizirati moderno industrijsko politiko.

**Objectives and competences:**

The aim of the course is to enable students to understand recent sectoral changes and trends, to provide them knowledge on basic characteristics of input-output analysis and to analyze modern industrial policy.

**Predvideni študijski rezultati:**

- razumevanje gospodarskih posledic vpliva ekonomske politike na sektorske spremembe;
- znanje o merodajnih informacijah o strukturnih spremembah;
- zmožnost meriti in analizirati s pomočjo input-output analize.

## Prenesljive/ključne spretnosti in drugi atributi:

- sposobnost analize in sinteze;
- sposobnost uporabe znanja v praksi;
- samostojno delo;
- ustna in pisna komunikacija;
- reševanje problemov;
- sposobnost prilagajanja novim razmeram.

**Intended learning outcomes:**

- comprehension of economic impact of economic policy on sectoral changes;
- knowledge about relevant information for structural changes;
- capability to measure and analyze with input-output analysis.

## Transferable/Key Skills and other attributes:

- capability for analysis and synthesis;
- capacity for applying knowledge in practice;
- autonomous work;
- oral and written communication;
- problem solving;
- capacity to adapt to new situations.

**Metode poučevanja in učenja:**

Pri predmetu so uporabljene sledeče metode poučevanja in učenja:

- predavanja (predavatelj bo podal študentom vsebino ključnih teorij in tehnik);
- vodene vaje v računalniški učilnici (primeri modeliranja in razprava o domačih nalogah);
- individualne konzultacije s predavateljem;
- samostojno delo v računalniški učilnici, s posebnim poudarkom na uporabi interneta (izdelava domačih nalog z uporabo Excela, delo z ekonomskimi bazami podatkov, učna gradiva na internetu, spletne predstavitev);
- samostojni študij gradiva.

**Learning and teaching methods:**

The following methods and forms of study are used in the course:

- lectures (lecturer will provide students with knowledge of the fundamental theories and techniques);
- guided classes in computer room (sample modeling is done and the main problems of home assignments are discussed);
- teachers' consultations;
- self study in computer room, in particular with the Internet (making home assignments using Excel, work with economic data bases, study guides on the Internet, looking through sets of lecture slides);
- self study with literature.

**Načini ocenjevanja:**

pisni izpit;  
seminarska naloga

Delež (v %) /  
Weight (in %)

80%  
20%

**Assessment:**

written exam;  
seminar paper

**Reference nosilca / Lecturer's references:****Timotej Jagrič:**

JAGRIČ, Timotej, JAGRIČ, Vita. A comparison of growing cell structures neural networks and linear scoring models in the retail credit environment : a case of a small EU and EMU member country. *East. Europ. econ.*, nov-dec 2011, vol. 49, no. 6, str. 74-96, doi: [10.2753/EEE0012-8775490605](https://doi.org/10.2753/EEE0012-8775490605). [COBISS.SI-ID [10975772](https://www.cobiss.si/id/10975772)]

JAGRIČ, Vita, KRAČUN, Davorin, JAGRIČ, Timotej. Does non-linearity matter in retail credit risk modeling?. *Finance úvër*, 2011, vol. 61, no. 4, str. 384-402, tabele, graf. prik. [COBISS.SI-ID [10767900](https://www.cobiss.si/id/10767900)]

ŽUNKO, Matjaž, BOKAL, Drago, JAGRIČ, Timotej. Testiranje modelov VaR v izjemnih okoliščinah. *IB rev. (Ljubl., Tisk. izd.)*. [Tiskana izd.], 2011, letn. 45, št. 3, str. 57-67, tabele, graf. prikazi. [COBISS.SI-ID [10777884](https://www.cobiss.si/id/10777884)]

JAGRIČ, Timotej, BEKŎ, Jani. How good are the growth and inflation forecasts for Slovenia?. *Rom. J. Econ. Forecast.*, 2011, vol. 14, iss. 4, str. 47-67. [COBISS.SI-ID [10964508](https://www.cobiss.si/id/10964508)]

ŽUNKO, Matjaž, JAGRIČ, Timotej. Raven razkrivanja z metodo tvegane vrednosti v slovenskih poslovnih bankah. *Banč. vestn.*, apr. 2012, letn. 61, št. 4, str. 42-46. [COBISS.SI-ID [10994460](https://www.cobiss.si/id/10994460)]

**Sebastjan Strašek:**

JAGRIČ, Timotej, MARKOVIČ-HRIBERNIK, Tanja, STRAŠEK, Sebastjan, JAGRIČ, Vita. The power of market mood - Evidence from an emerging market. *Econ. model.* [Print ed.], 2010, vol. 27, iss. 5, str. [959]-967, doi: [10.1016/j.econmod.2010.05.005](https://doi.org/10.1016/j.econmod.2010.05.005). [COBISS.SI-ID [10310428](#)]

STRAŠEK, Sebastjan, ŠPES, Nataša. Pojasnjevalna moč modelov finančnih kriz. *Organizacija (Kranj)*, jul./avg. 2010, letn. 43, št. 4, str. A 119-A 128. [COBISS.SI-ID [10298908](#)]

STRAŠEK, Sebastjan, JAGRIČ, Timotej. Policy failures and current crisis. *Rev. econ. (Sibiu)*, 2010, vol. 50, no. 3, str. 456-462. [COBISS.SI-ID [10432284](#)]

MUNDA, Gal, STRAŠEK, Sebastjan. Use of the TRP ratio in selected countries = Uporaba TRP indikatorjev v izbranih državah. *Naše gospod.*, 2011, letn. 57, št. 1/2, str. 55-60. [COBISS.SI-ID [10578716](#)]

STRAŠEK, Sebastjan, MUNDA, Gal. Beating the market in less developed financial exchange. *Aktual. probl. ekon.*, 2012, no. 1 (127), str. 425-433. [COBISS.SI-ID [10971420](#)]