

<b>Syllabus for SUN 2002 course</b>	<b>Competition Policy in Transition</b>
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**Week 1**

<b>Session no.</b>		
<b>Session A: Todor Gradev: Introduction and induction</b>		
<b>1</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev</b>
	<b>Topic/Title</b>	<b>Revision of oligopoly and non-cooperative game theory</b>
	<b>Teaching Mode</b>	class tutorial
	<b>Objectives</b>	a first scan and probing
<b>2-3</b>	<b>Teacher's Name</b>	<b>Joep Konings</b>
	<b>Topic/Title</b>	<b>Competitive pressures, privatisation and market selection: complements or substitutes</b>
	<b>Teaching Mode</b>	lecture
	<b>Objectives</b>	
	<b>Remedial reading</b>	Angelucci, Estrin, Konings, Zolkiewski, The Effect of Ownership and Competitive Pressure on Firm Performance in Transition Countries
<b>4-5</b>	<b>Teacher's Name</b>	<b>Todor Gradev</b>
	<b>Topic/Title</b>	<b>Introduction to quantitative competition analysis and Stata</b>
	<b>Teaching Mode</b>	computer lab tutorial

	<b>Objectives</b>	to prepare the ground for subsequent applied work
	<b>Remedial reading</b>	handouts
<b>6-7</b>	<b>Teacher's Name</b>	<b>Jozef Konings</b>
	<b>Topic/Title</b>	<b>Market power in transition economies</b>
	<b>Teaching Mode</b>	lecture
	<b>Objectives</b>	
	<b>Remedial reading</b>	Konings, Van Cayseele, Warzynski, The Dynamics of Industrial Mark-Ups in Two Small Open Economies: Does National Competition Policy Matter?, 2001
<b>8</b>	<b>Teacher's Name</b>	<b>Joep Konings</b>
	<b>Topic/Title</b>	<b>Estimating the efficiency of firms</b>
	<b>Teaching Mode</b>	class exercise
	<b>Objectives</b>	
<b>9</b>	<b>Teachers' Names</b>	<b>Joep Konings and Todor Gradev</b>
	<b>Topic/Title</b>	<b>Estimating the efficiency of firms</b>
	<b>Teaching Mode</b>	computer lab exercise
<b>10-11</b>	<b>Teacher's Name</b>	<b>Todor Gradev</b>
	<b>Topic/Title</b>	<b>Competition and productivity growth</b>
	<b>Teaching Mode</b>	lecture
	<b>Objectives</b>	to introduce issues of theory, measurement, and some evidence about the interactions of competition and productivity

	<b>Remedial reading</b>	Hulton, Total Factor Productivity. A Short Biography, NBER WP 7471, 2000
<b>12</b>	<b>Teacher's Name</b>	<b>Todor Gradev</b>
	<b>Topic/Title</b>	<b>Decompositions of productivity growth and competition</b>
	<b>Teaching Mode</b>	class tutorial
	<b>Objectives</b>	to demonstrate alternative methods for quantifying the effects of competitive pressures and market dynamics (exit, entry, downsizing, upsizing) on productivity growth.
<b>13</b>	<b>Teacher's Name</b>	<b>Todor Gradev</b>
	<b>Topic/Title</b>	<b>Decompositions of productivity growth and competition</b>
	<b>Teaching Mode</b>	computer lab exercise
<b>14-15</b>	<b>Teacher's Name</b>	<b>Todor Gradev</b>
	<b>Topic/Title</b>	<b>Introduction to Stata programming</b>
	<b>Teaching Mode</b>	computer lab exercise
	<b>Objectives</b>	to rationalise the work done with Stata in other sessions
<b>16-17</b>	<b>Teacher's Name</b>	<b>Ciara Whelan</b>
	<b>Topic/Title</b>	<b>Competition-related issues in industrial organisation</b>
	<b>Teaching Mode</b>	workshop
	<b>Objectives</b>	extension, clarifications, and problem solving of the DL tutorials
	<b>Remedial reading</b>	DL tutorial 1

<b>18-19</b>	<b>Teacher's Name</b>	<b>Paul Walsh</b>
	<b>Topic/Title</b>	<b>Competition and price discrimination</b>
	<b>Teaching Mode</b>	lecture & seminar
	<b>Objectives</b>	
	<b>Remedial reading</b>	
<b>20</b>	<b>Teacher's Name</b>	<b>Jozef Konings</b>
	<b>Topic/Title</b>	<b>Market concentration and mark-up pricing</b>
	<b>Teaching Mode</b>	class tutorial
	<b>Objectives</b>	to demonstrate a new method of measuring mark-up pricing as indicator of market power
<b>21</b>	<b>Teachers' Names</b>	<b>Todor Gradev &amp; Joep Koning</b>
	<b>Topic/Title</b>	<b>Market concentration and mark-up pricing</b>
	<b>Teaching Mode</b>	Computer lab exercise
<b>Session B: Todor Gradev (optional), Computer lab session with Stata for interested participants</b>		
<b>22-23</b>	<b>Teacher's Name</b>	<b>Joep Koning</b>
	<b>Topic/Title</b>	<b>Market selection and Schumpeterian growth</b>
	<b>Teaching Mode</b>	lecture & seminar
	<b>Objectives</b>	
	<b>Remedial reading</b>	Jozef Konings, Restructuring of Firms in Central and Eastern Europe

24	Teachers' Names	Paul Walsh
	Topic/Title	Modelling price dispersion
	Teaching Mode	Seminar & workshop
	Objectives	
25	Teachers' Names	Paul Walsh
	Topic/Title	Modelling price dispersion
	Teaching Mode	Computer lab exercise
Session D: Todor Gradev (optional), extra computer lab exercises with Stata		

## Week 2

Session no.		
1	Teacher's Name/ Teachers' Names	Paul Walsh
	Topic/Title	The evolution of market structure with exogenous sunk costs
	Teaching Mode	lecture
	Rationale/ Objectives/ Summary	to introduce the notion of sunk costs and demonstrate the mirror images of horizontal product differentiation and exogenous sunk costs
2	Teacher's Name/ Teachers' Names	Paul Walsh, session 1 continued

	<b>Topic/Title</b>	
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
<b>3</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Ciara Whelan and Paul Walsh</b>
	<b>Topic/Title</b>	<b>Schmalensee on product differentiation in the REC industry</b>
	<b>Teaching Mode</b>	case study discussion
	<b>Rationale/ Objectives/ Summary</b>	to demonstrate issues like brand proliferation, and prepare the ground for difference in approaches by Schmalensee and Sutton, P.Walsh's next lecture
	<b>Reading and/or writing Assignments</b>	Schmalensee paper
<b>4</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Paul Walsh</b>
	<b>Topic/Title</b>	<b>Set-up costs and advertising as market entry barriers: exogenous or endogenous?</b>
	<b>Teaching Mode</b>	class discussion
	<b>Rationale/ Objectives/ Summary</b>	to ground the sunk costs theory to CEE and CIS experiences, in preparation of the lecture sessions 12 & 13
<b>5</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Paul Walsh, session 4 continued</b>
	<b>Topic/Title</b>	
	<b>Teaching Mode</b>	

	<b>Rationale/ Objectives/ Summary</b>	
	<b>Reading and/or writing Assignments</b>	
<b>Optional session, Ciara Whelan, extension, problem-solving, and clarification on DL sessions 1 &amp; 2 prepared by Ciara</b>		
<b>6</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Pietro Vagliasindi</b>
	<b>Topic/Title</b>	<b>Competition-related approaches of non-cooperative game theory</b>
	<b>Teaching Mode</b>	Spot tutorial – extension and clarifications of DL session 3 prepared by Peitro
	<b>Rationale/ Objectives/ Summary</b>	
<b>7</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Pietro Vagliasindi</b>
	<b>Topic/Title</b>	<b>Market dynamics: the basics of the theory</b>
	<b>Teaching Mode</b>	Spot tutorial – extension and clarifications of DL session 4 prepared by Peitro
	<b>Rationale/ Objectives/ Summary</b>	
<b>8</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi</b>
	<b>Topic/Title</b>	<b>Market selection and barriers to entry</b>
	<b>Teaching Mode</b>	lecture

	<b>Rationale/ Objectives/ Summary</b>	to summarize approaches to entry (Harvard vs Chicago), present the main models, classify and put them into a regional context
<b>9</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi, session 8 continued</b>
	<b>Topic/Title</b>	
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
	<b>Reading and/or writing Assignments</b>	
<b>10</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi and Pietro Vagliasindi</b>
	<b>Topic/Title</b>	<b>Entry in transition</b>
	<b>Teaching Mode</b>	Class discussion
	<b>Rationale/ Objectives/ Summary</b>	make participants exchange information and stimulate thinking about barriers to entry in their own countries,
	<b>Reading and/or writing Assignments</b>	
<b>Optional session, P Vagliasindi, extension, problem-solving, and clarification on DL sessions 1 &amp; 2 prepared by Pietro</b>		
<b>11</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev</b>
	<b>Topic/Title</b>	<b>Nash equilibrium in infinite horizon games</b>



	<b>Teaching Mode</b>	tutorial
	<b>Rationale/ Objectives/ Summary</b>	to extend the game theory of DL session 3 and bring forth issues like credibility and reputation, needed in the models to be presented next on endogenous sunk costs (P. Walsh), regulation of infrastructure (M. Vagliasindi), and competition in IT industries (P. Belleflamme)
12	<b>Teacher's Name/ Teachers' Names</b>	Paul Walsh
	<b>Topic/Title</b>	<b>The evolution of market structure with endogenous sunk costs</b>
	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	to present the Sutton approach
13	<b>Teacher's Name/ Teachers' Names</b>	Paul Walsh
	<b>Topic/Title</b>	session 11 continued
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
14	<b>Teacher's Name/ Teachers' Names</b>	Paul Walsh
	<b>Topic/Title</b>	<b>Sunk costs, advertising, and market size in CEE and CIS</b>
	<b>Teaching Mode</b>	class discussion
	<b>Rationale/ Objectives/ Summary</b>	to make students see this causality based on their own experience

15	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi</b>
	<b>Topic/Title</b>	<b>Entry,exit, and survival: comparison across countries</b>
	<b>Teaching Mode</b>	class discussion
	<b>Rationale/ Objectives/ Summary</b>	to link market entry to market exit, to be presented next
<p><b>Optional session, P Vagliasindi, extension, problem-solving, and clarification on DL sessions 1 &amp; 2 prepared by Pietro</b></p>		
16	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi</b>
	<b>Topic/Title</b>	<b>Market selection and barriers to exit</b>
	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	to discuss exit barriers as impediments for restructuring
17	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi</b>
	<b>Topic/Title</b>	session 16 continued
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
18	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi and Pietro Vagliasindi</b>
	<b>Topic/Title</b>	<b>Market entry and exit</b>

	<b>Teaching Mode</b>	class discussion
	<b>Rationale/ Objectives/ Summary</b>	to support the lectures on market dynamics
<b>19</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi and Pietro Vagliasindi</b>
	<b>Topic/Title</b>	session 18 continued
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
<b>20</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev</b>
	<b>Topic/Title</b>	<b>Competition policy in the EU and enlargement</b>
	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	to present the philosophy of EU thinking in competition policy according to articles 81 & 82 of the EC Treaty, prepare Georg Roebling's presentations in Sessions 1-3 of the third week
Optional Session, Todor Gradev, EU law on "dominant position" and "agreements between undertakings", more details		
<b>21</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi</b>
	<b>Topic/Title</b>	<b>Competition and regulation of infrastructure</b>
	<b>Teaching Mode</b>	lecture

	<b>Rationale/ Objectives/ Summary</b>	present the main models of regulation of natural monopolies and injection of competition in the infrastructure through separation of grid and services
<b>22</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi</b>
	<b>Topic/Title</b>	session 21 continued
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
<b>23</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi and Pietro Vagliasindi</b>
	<b>Topic/Title</b>	<b>Competition and regulation of infrastructure</b>
	<b>Teaching Mode</b>	class discussion and problem-solving tutorial
	<b>Rationale/ Objectives/ Summary</b>	to support the lecture sessions 21 & 22
<b>24</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Maria Vagliasindi and Pietro Vagliasindi</b>
	<b>Topic/Title</b>	session 23 continued
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	

**Week 3**

<b>Session no.</b>		
<b>1</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Georg Roebing</b>
	<b>Topic/Title</b>	<b>Competition and enlargement:: the approach of the EU Commission</b>
	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	to present latest EU thinking on the issue
<b>2</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Georg Roebing</b>
	<b>Topic/Title</b>	session 1 continued
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
<b>3</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Georg Roebing</b>
	<b>Topic/Title</b>	session 1 continued, but in a class discussion
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
<b>Optional session: Georg Roebing, discussion continued with interested participants up to Georg's departure</b>		
<b>4</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Paul Belleflamme</b>
	<b>Topic/Title</b>	<b>Antitrust in the information economy</b>

	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	to address the needs of antitrust in information-related markets (as per course description)
<b>5</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Paul Belleflamme</b>
	<b>Topic/Title</b>	session 4 continued but in a class discussion
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
<b>Optional session: Paul Belleflamme, The Microsoft case</b>		
<b>6</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Yelena Kalyuzhnova and Julian Lee</b>
	<b>Topic/Title</b>	<b>Taming the giants: controlling the oil companies</b>
	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	to introduce the case information for the simulation game
<b>7</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Yelena Kalyuzhnova and Julian Lee</b>
	<b>Topic/Title</b>	<b>Taming the giants: controlling the oil companies</b>
	<b>Teaching Mode</b>	class discussion
	<b>Rationale/ Objectives/ Summary</b>	to introduce the case information for the simulation game

8	Teacher's Name/ Teachers' Names	Yelena Kalyuzhnova and Julian Lee
	Topic/Title	OPEC: anticompetitive cartel or a force for stability
	Teaching Mode	lecture
	Rationale/ Objectives/ Summary	to introduce the case information for the simulation game
9	Teacher's Name/ Teachers' Names	Yelena Kalyuzhnova and Julian Lee
	Topic/Title	OPEC: anticompetitive cartel or a force for stability
	Teaching Mode	class discussion
	Rationale/ Objectives/ Summary	to introduce the case information for the simulation game
10	Teacher's Name/ Teachers' Names	Alf Vanags
	Topic/Title	Trade in international oligopolistic markets
	Teaching Mode	lecture
	Rationale/ Objectives/ Summary	
11	Teacher's Name/ Teachers' Names	Alf Vanags
	Topic/Title	Trade in international oligopolistic markets
	Teaching Mode	class tutorial and spot test
	Rationale/ Objectives/ Summary	

<b>Optional session: Alf Vanags, problem-solving tutorial on trade and competition</b>		
<b>12</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Alf Vanags</b>
	<b>Topic/Title</b>	<b>Antidumping theory and practice</b>
	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	
<b>13</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Alf Vanags</b>
	<b>Topic/Title</b>	<b>Antidumping theory and practice</b>
	<b>Teaching Mode</b>	tutorial
	<b>Rationale/ Objectives/ Summary</b>	
<b>14</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Yelena Kalyuzhnova and Julian Lee</b>
	<b>Topic/Title</b>	<b>Caspian Oil: Competition or Cooperation</b>
	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	to introduce the case information for the simulation game
<b>15</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Yelena Kalyuzhnova and Julian Lee</b>
	<b>Topic/Title</b>	<b>Caspian Oil: Competition or Cooperation</b>
	<b>Teaching Mode</b>	class discussion



	<b>Rationale/ Objectives/ Summary</b>	to introduce the case information for the simulation game
16	<b>Teacher's Name/ Teachers' Names</b>	<b>Alf Vanags</b>
	<b>Topic/Title</b>	<b>Interaction between trade and competition policy</b>
	<b>Teaching Mode</b>	lecture
	<b>Rationale/ Objectives/ Summary</b>	
17	<b>Teacher's Name/ Teachers' Names</b>	<b>Alf Vanags</b>
	<b>Topic/Title</b>	session 16 continued
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
18	<b>Teacher's Name/ Teachers' Names</b>	<b>Alf Vanags</b>
	<b>Topic/Title</b>	session 16 continued but as a class tutorial
	<b>Teaching Mode</b>	
	<b>Rationale/ Objectives/ Summary</b>	
19	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev, Yelena Kalyuzhnova, Julian Lee, Alf Vanags, Paul Belleflamme</b>
	<b>Topic/Title</b>	office hours – consultation of the teams in their preparation for the simulation game (see syllabus in the course description about the game)

	<b>Teaching Mode</b>	free consultation
	<b>Rationale/ Objectives/ Summary</b>	
20	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev, Yelena Kalyuzhnova, Julian Lee, Alf Vanags, Paul Belleflamme</b>
	<b>Topic/Title</b>	office hours – consultation of the teams
	<b>Teaching Mode</b>	free consultation
	<b>Rationale/ Objectives/ Summary</b>	
21	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev, Yelena Kalyuzhnova, Julian Lee, Alf Vanags, Paul Belleflamme</b>
	<b>Topic/Title</b>	
	<b>Teaching Mode</b>	SIMULATION GAME
	<b>Rationale/ Objectives/ Summary</b>	see course description
22	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev, Yelena Kalyuzhnova, Julian Lee, Alf Vanags, Paul Belleflamme</b>
	<b>Topic/Title</b>	
	<b>Teaching Mode</b>	SIMULATION GAME
	<b>Rationale/ Objectives/ Summary</b>	
23	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev, Yelena Kalyuzhnova, Julian Lee, Alf Vanags, Paul Belleflamme</b>

	<b>Topic/Title</b>	
	<b>Teaching Mode</b>	SIMULATION GAME
	<b>Rationale/ Objectives/ Summary</b>	
<b>24</b>	<b>Teacher's Name/ Teachers' Names</b>	<b>Todor Gradev, Yelena Kalyuzhnova, Julian Lee, Alf Vanags, Paul Belleflamme</b>
	<b>Topic/Title</b>	
	<b>Teaching Mode</b>	SIMULATION GAME
	<b>Rationale/ Objectives/ Summary</b>	