

ATARD Winter School Program

February 2017		Topic	Subject	Lecturer	Pre-Reading
7 th	9:00-10:30	Airline Economics		Volodymyr Bilotkach	
	11:00-12:30				
	2:00-3:30				
	4:00-5:30	Airport Economics		Ann Graham	
8 th	9:00-10:30				
	11:00-12:30	Regional Development	Location of Economic Activities	Ann Verhetsel	Healey and Ilbery (1990). <i>Theories of Location and Locational Change</i> (pp. 19-30)
	2:00-3:30		A checklist of location factors		
	4:00-5:30		Checking Location for Airports and Air Transport		
9 th	9:00-10:30	Input-Output Analysis	I-O modeling: introduction	Sonia Huderek-Glapska	Miller, R. E. and P. D. Blair (2009). <i>Input-Output Analysis: foundations and extensions</i> , Cambridge University Press. (Chap 2)
	11:00-12:30		Application to air transport market. Limitations and extension of I-O modeling.		

	2:00-3:30	Computable General Equilibria	What is a CGE model?	Peter Forsyth	Broeker and Mercenier (2011). <i>General Equilibrium Models for transportation economics</i> , in de Palma, A, R Lindsey, E Quinet and R Vickerman (eds) Cheltenham, Edward Elgar Robichaud (2010). <i>An Introduction to GAMS</i> .
	4:00-5:30		A simple CGE model	Eric Njoya	
12 th	9:00-10:30		Interpreting CGE results	Peter Forsyth	
	11:00-12:30	Implementation of the model in GAMS			
13 th	9:00-10:30	Cost Benefit Analysis	Introduction to CBA: project definition, decision criteria, changes in welfare, financial and social analysis	Ofelia Betancor	Introduction to cost-benefit analysis: looking for reasonable shortcuts. Ginés de Rus. Edward Elgar, Cheltenham, UK (2010). De Rus, G., Betancor, O., Campos, C., Eugenio, J.L., Socorro, M.P., Matas, A., Raymond, J.L., González-Savignat, M., Brey, R., Nombela, G. and Benavides, J. (2010). "Economic evaluation of transport projects". Spanish Ministry of Transport. This Manual and more materials available at: http://evaluaciondeproyectos.es/EnWeb/Results/Manual.html
	11:00-12:30		CBA: market prices, shadow prices, discounting and treatment of uncertainty		
	2:00-3:30	Data Envelopment Analysis	DEA modeling: introduction	Nicole Adler	
4:00-5:30	5 basic DEA models				
14 th	9:00-10:30	Stochastic Frontier Analysis	Programming DEA	Nicola Volta	
	11:00-12:30		SFA: introduction		
	2:00-3:30	Stochastic distance functions	Davide Scotti		

	4:00-5:30		Programming SFA		
15 th	9:00-10:00	Lab	Presentation of data & questions	Adler / Njoya / Scotti / Volta	
	10:00-12:30		Student preparation in teams		
	2:00-4:00		Presentation of Results & Discussion		
	4:00-5:00		Wrap-Up Discussion		