

ABS0308 – Innovation Studies

Course Title	Innovation studies				
Course Code	ABS0308				
Course Type	Elective				
Level	Bachelor (1st Cycle)				
Year / Semester	3rd				
Teacher's Name	Dr Bernard Musyck				
ECTS	6	Lectures / week	3	Laboratories / week	
Course Purpose	This course aims to provide an introduction in Innovation Economics. It is specifically aimed at business students and reviews real business cases.				
Learning Outcomes	<p>On completion of this course, successful candidates should be capable of:</p> <ul style="list-style-type: none"> • understanding processes that lead to the creation of innovations, with particular focus on firms and networks • providing an account of the wider systematic setting influencing innovation and the role of institutions and organizations in this context • focusing on the consequences of innovation with respect to economic growth, international competitiveness, and employment 				
Prerequisites	None		Co-requisites	None	
Course Content	<p>Innovation in the making:</p> <ul style="list-style-type: none"> • Types of innovation • Sources of innovation • Theories of innovation • Networks of innovators • Organizational innovation • Measuring innovation • Innovation and intellectual property rights <p>The Systemic nature of innovation:</p> <ul style="list-style-type: none"> • Systems of innovation • Innovation clusters • National systems of innovation • Regional systems of innovation 				

	<p>How innovation differs:</p> <ul style="list-style-type: none"> • Sectoral systems of innovation: why innovations differ across sectors? • Innovation in “Low Tech” industries • Innovation in services • Innovation diffusion
Teaching Methodology	<p>Ex cathedra lectures, class discussions and presentations</p> <p>Lectures, discussions and presentations by students.</p> <p>Students will also be required to watch specially selected videos (mostly documentaries) to complement their reading of the course material.</p> <p>Students will be invited to attend at least one external seminar (public talk, conference, academic presentation) on a relevant topic. If such opportunities will not be available during the course of the semester, a video recording of a relevant presentation abroad will be shown and discussed in class</p>
Bibliography	<p><u>(a) Textbooks:</u></p> <p>Exploring Innovation by David Smith, Mc Graw Hill, 3rd edition, 2013</p> <p><u>(b) References:</u></p> <p>The Oxford Handbook of Innovation by Jan Fagerberg, David Mowery and Richard Nelson (Eds.), Oxford University Press, latest edition</p>
Assessment	<p>(a) <u>Methods:</u> Students will be assessed with coursework that involves a midterm test and a final exam.</p> <p>(b) <u>Criteria:</u> The assessment criteria are assignment-specific and range from testing problem solving skills, knowledge of the material.</p> <p>(c) <u>Weights:</u> Mid-term (40%) and final examination (60%)</p>
Language	English