

## Course Descriptions Master 2015-2016

Course Title	Role of Technology in the Economy							
Course Code	EBC4144							
ECTS Credits	6,5							
Assessment	Whole/Half Grades							
Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
	1	31-8-2015	23-10-2015	C				
Level	Advanced							
Coordinator	Robin Cowan For more information:r.cowan@maastrichtuniversity.nl							
Language of instruction	English							
Goals	The goal of this course is to introduce the student to the relevant modern theories in the field of the economic analysis of technological change.							
Description	This course gives an overview of the recent literature on the economics of technological change. We discuss the neoclassical literature on technological change, as well as neo-Schumpeterian and more evolutionary approaches to technology. The course begins with a broad introduction about the nature of the relationship between technological change and the economy, including a broad historical overview of the impact of technology on the economy. It then takes a micro economic approach, introducing such topics as patents and other intellectual property rights, market structure and competition, and the diffusion of technologies. It then moves on to the macro level, addressing topics such as the impact of technology on employment, and an in-depth coverage of the process of economic growth. The course concludes with an overview of policy aimed at the technology – economy relationship.							
Literature								
Prerequisites								
Teaching methods	PBL							
Assessment methods								
Evaluation in previous academic year	For the complete evaluation of this course please click <a href="http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM">http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM</a>							
This course belongs to the following programme / specialisation	Master Business Research		Free Electives					
	Master Business Research Track OR		Free Electives					
	Master Economic and Financial Research Track Econometrics		Technology, Innovation & Industrial Dynamics					
	Master Economic and Financial Research		Technology, Innovation & Industrial Dynamics					