

# Course Descriptions Master 2014-2015

Course Title Role of Technology in the Economy

Course Code EBC4144

ECTS Credits 6,5

Assessment None

Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
1		1-9-2014	24-10-2014	C				

Level Advanced

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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 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 <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

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	Technology, Innovation & Industrial Dynamics
Econometrics	
Master Economic and Financial Research	Technology, Innovation & Industrial Dynamics