

## Course Descriptions None 2025-2026

Course Title Technology, Labour and Inequality  
 Course Code EBC2130  
 ECTS Credits 6,5  
 Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
2	27-10-2025	12-12-2025		X			X

Level Introductory  
 Coordinator Lex Borghans For more information:lex.borghans@maastrichtuniversity.nl  
 Language of instruction English

Goals  
 To understand:  
 \* The economic fundamentals of how technology changes the labour market, in particular 'information' technologies such as computer systems and artificial intelligence.  
 \* How technology can change the demand for high and low skilled labour, and how it affects wages.  
 \* How technology changes structures of organisations  
 \* To analyse and explain the rising economic inequality in recent decades  
 \* Understand how to use economic models to understand the labour market  
 \* To analyse and present cases and examples by using real life data

Description  
 is course gives a brief introduction into the economics of technological change and the labour market. The main aim of this course is to understand the impact of Information and Communication Technology (ICT) on the demand for workers and on wages. What are the effects of ICT on (structures of) organisations; How does ICT impact wages and the division of labour? Do people with ICT skills earn higher wages?

Literature  
 G.J. Borjas, Labor Economics, McGraw-Hill International Edition or a similar book supplemented with selected articles from academic journals

Prerequisites  
 PREREQUISITES:  
 Knowledge and understanding of introductory microeconomics and of introductory macroeconomics (comparable to first year courses microeconomics and macroeconomics).  
 Good understanding of first year mathematics (e.g. derivative of nested functions).  
 An advanced level of English

Transitional Regulations

Teaching methods PBL / Assignment / Groupwork  
 Assessment methods Final Paper / Participation / Written Exam

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	Bachelor Economics and Business Economics - Economics and Management of Information	Year 2 Compulsory Courses
	SBE Exchange Bachelor	Bachelor Exchange Courses
	SBE Exchange Master	Bachelor Exchange Courses
	SBE Non Degree Courses	Bachelor Courses