

Course Descriptions None 2025-2026

Course Title Opportunities and Threats from New Technologies

Course Code EBC4278

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 Intermediate/Advanced

Coordinator Martin Strobel For more information:m.strobel@maastrichtuniversity.nl

Language of instruction English

Goals

Description The general aim of this course is to understand how new information and communication technologies change existing markets, lead to the generation of new markets, and how they affect the actors in these markets. The first part of the course will focus on opportunities that arise with new technologies. Companies have been able to leverage the availability of big data and new digital technologies to fundamentally change the functioning of existing markets. New technologies have also led to the creation of entirely new markets and labor relations. Many of these impacts of new technologies have the potential to be welfare improving. However, many new technologies pose at the same time grave and unprecedented challenges, which will be covered in the second part of the course. Providers of platforms often not only match buyers and sellers but also sell to buyers themselves. Digital ecosystems lock in consumers and foster network externalities on a dramatic scale. In these cases, new technologies give rise to fundamentally new and potentially problematic market dynamics, as evidenced by the dominance of key players such as Amazon or Google.

Literature Various book chapters and research papers.

Prerequisites

Keywords

Transitional Regulations

Teaching methods PBL / Presentation / Lecture / Assignment

Assessment methods Participation / Oral Exam / Assignment / Presentation

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 Economics - Inequality and Social Inclusion	Elective Courses
Master Economics - Sustainable and Resilient Economies	Elective Courses
Master Economics - Technology, Markets, and Societal Change	Core Courses
SBE Exchange Master	Master Exchange Courses