

COURSE DETAIL

FUNDAMENTALS OF TECHNOLOGICAL CHANGE

Country

United Kingdom - England

Host Institution

University of Manchester

Program(s)

University of Manchester

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Business Administration

UCEAP Course Number

145

UCEAP Course Suffix**UCEAP Official Title**

FUNDAMENTALS OF TECHNOLOGICAL CHANGE

UCEAP Transcript Title

TECHNOLOGICL CHANGE

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course introduces management and social science perspectives on technological change and how they have developed over time. Topics include the nature of science and technology from social and economic perspectives and the economic history of technological change and industrialization. Students explore the concepts of technological innovation as well as the economic (mainstream and "heterodox") and managerial theories of technological change that have shaped management and policy thinking about innovation. Finally, this course breaks down the management of technology both in the firm and in society more generally, taking as examples technological revolutions (e.g. the ICT revolution), systemic innovations (e.g. containerized shipping), firm level innovation strategies (e.g. open innovation and corporate venturing), and the role of government in innovation driven economic development (e.g. in the development of Silicon Valley).

Language(s) of Instruction

English

Host Institution Course Number

BMAN10252

Host Institution Course Title

FUNDAMENTALS OF TECHNOLOGICAL CHANGE

Host Institution Course Details

<http://courseunits.humanities.manchester.ac.uk/Undergraduate/BMAN10252/Display>

Host Institution Campus

University of Manchester

Host Institution Faculty

Host Institution Degree

Host Institution Department

Business Management

Course Last Reviewed

2019-2020

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