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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