

COURSE DETAIL

TECHNOLOGY MANAGEMENT

Country

Korea, South

Host Institution

Korea Advanced Institute of Science and Technology (KAIST)

Program(s)

Korea Advanced Institute of Science and Technology, KAIST

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Business Administration

UCEAP Course Number

70

UCEAP Course Suffix

UCEAP Official Title

TECHNOLOGY MANAGEMENT

UCEAP Transcript Title

TECHNOLOGY MANAGEME

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers the fundamentals of technological innovation management and strategy. Students explore how firms and nations develop, implement, and manage technological innovation to create competitive advantages in the global market.

The course focuses on key aspects of firms' innovation strategy and management, including sources and types of innovation, firms' decisions regarding market entry with new technologies, evaluation and selection of R&D projects, standards competition, and intellectual property strategies (including patenting strategy). Additionally, students develop analytical skills to work with archival data commonly used in quantitative technology management research, including metadata from research papers and patents.

Language(s) of Instruction

English

Host Institution Course Number

BTM.20004

Host Institution Course Title

TECHNOLOGY MANAGEMENT

Host Institution Course Details

<https://erp.kaist.ac.kr/com/lgin/SsoCtr/initExtPageWork.do?link=estblSubjt>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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