COURSE DETAIL

FUNDAMENTALS OF INVESTING
Country Singapore
Host Institution Singapore University of Technology and Design
Program(s) Singapore University of Technology and Design
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Economics Business Administration
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title FUNDAMENTALS OF INVESTING
UCEAP Transcript Title FUNDAMNTLS INVESTNG
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course introduces topics relevant for understanding the modern framework for evaluating investment opportunities. It combines key elements of managerial accounting and finance, as well as modern portfolio and asset pricing theory. The course discusses how to apply the core tool of analytic finance to assess the value of company projects, including those undertaken by start-ups, and how to analyze financial market conditions to recommend investment strategies. The course discusses topics including key accounting metrics and applying these metrics to evaluate the performance of a company; identity and interpretation techniques to value cash flows from investing in firm projects; developing equity valuation frameworks that link stock prices to firm cash flows and risk; deriving optimal allocation rules for investing in portfolios with one or two risky assets; identifying optimal portfolio allocation rules for many risky assets, such as stocks, commodities, real estate, and bonds; combining the optimal allocation rules with index models to identify the degree of diversification in an optimal portfolio; hypothesizing and deriving a linear relation between risk and expected returns; define factors that determine bond prices; and synthesizing bond pricing relations with no-arbitrage equilibrium models of spot and forward rates.

Language(s) of Instruction
English

Host Institution Course Number
40.324

Host Institution Course Title
FUNDAMENTALS OF INVESTING

Host Institution Course Details
https://esd.sutd.edu.sg/courses/40324-fundamentals-of-investing/

Host Institution Campus

Host Institution Faculty

Host Institution Degree
Host Institution Department Engineering Systems and Design
Course Last Reviewed 2023-2024

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