FB6988P: PPP FINANCING AND FINANCIAL RISK MANAGEMENT

Effective Term

Semester A 2025/26

Part I Course Overview

Course Title

PPP Financing and Financial Risk Management

Subject Code

FB - College of Business (FB)

Course Number

6988P

Academic Unit

College of Business (CB)

College/School

College of Business (CB)

Course Duration

Non-standard Duration

Other Course Duration

Intensive mode: 4 days

Credit Units

2

Level

P5, P6 - Postgraduate Degree

Medium of Instruction

Chinese (Putonghua)

Medium of Assessment

Other Languages

Other Languages for Medium of Assessment

Chinese/English

Prerequisites

FB5808P

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

After taking this course, the student is expected to have a systematic understanding of PPP financing and risks involved. The teaching approaches will consist of lectures, classroom discussions, and more importantly, case studies in various sectors such as transport, hospital, and water sanitation.

Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	To understand the key characteristics of PPP project finance	10-20	x	x	x
2	To appreciate the importance of PPP project viability	10-30	x	x	x
3	To learn about the PPP financing structures and the sources of funding	20-30	x	x	x
4	To identify major financial risks and mitigation mechanisms	15-25	x	x	x
5	To master the techniques of project cash flow analysis	15-30	x	x	x

A1: Attitude
Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability
Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments
Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

	LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	1	Lecture	1, 2, 3, 4, 5	
2	2	Class Discussion	1, 2, 3, 4, 5	
3	3	Group projects, case studies	1, 2, 3, 4, 5	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	1. Participation	1, 2, 3, 4, 5	30	-	Yes
2	2. One Written Assignment (individual)	1, 2, 3, 4, 5	30	-	Yes
3	3. Group Project	1, 2, 3, 4, 5	40	-	Yes

Continuous Assessment (%)

100

Assessment Rubrics (AR)

Assessment Task

1/2/3 (for students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter)

Excellent

(A+, A, A-) Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base. Able to suggest new ways of resolving the issues at stake, provide a substantial analysis of the new ways, and provide new solutions to the issues.

Good

(B+, B, B-) Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature. Able to suggest new ways of resolving the issues at stake and provide a preliminary analysis of the new ways.

Fair

(C+, C, C-) Student who is profiting from the university experience; understanding of the subject; ability to develop solutions to simple problems in the material. Able to suggest new ways of resolving the issues at stake.

Marginal

(D) Sufficient familiarity with the subject matter to enable the student to progress without repeating the course.

Failure

(F) Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature.

Assessment Task

1/2/3 (for students admitted from Semester A 2022/23 to Summer Term 2024)

Excellent

(A+, A, A-) Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base. Able to suggest new ways of resolving the issues at stake, provide a substantial analysis of the new ways, and provide new solutions to the issues.

Good

(B+, B) Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature. Able to suggest new ways of resolving the issues at stake and provide a preliminary analysis of the new ways.

Marginal

(B-, C+, C) Sufficient familiarity with the subject matter to enable the student to progress without repeating the course.

Failure

(F) Little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited, or irrelevant use of literature.

Part III Other Information

Keyword Syllabus

Outline
I. What is PPP Project Finance
II. How to Make a PPP Project Bankable
III. Financing Structures
IV. Project Cash Flow Analysis
V. Sources of Financing and Credit Enhancements
VI. Financial Risks and Mitigations

Reading List

Compulsory Readings

	Title
1	Yescombe E.R., Principles of Project Finance, 2nd Edition, Elsevier Inc, 2014

Additional Readings

	Title
1	Yescombe E.R., and Farquharson, E., Public Private Partnerships for Infrastructure, 2nd Edition, Elsevier Inc., 2018
2	Selective Cases