

GENERAL EDUCATION, KMITL

COURSE SYLLABUS

Course Code	96643030	Course Title	General Economics and Project Feasibility Study				
Total Credits	3 (3-0-6)	Semester / Year of Study		Section		Date-Time	
Course Description (English)	A study of the meaning and general principles of economics: values, prices and resource allocation; fundamental theories in consumer and firm consumer and behavior with an emphasis on factors affecting product's demand and supply, as well as a study of price determination and efficiency in resource allocation both in perfect competitive and imperfect competitive markets. A study of definitions of project feasibility; importance, procedures and steps of project feasibility study, details of feasibility analysis relating to project operations including management, production, marketing, finance, and project environments.						
Course Coordinator	Asst. Prof. Supachart IAMRATANAKUL, Ph.D.						
Course Instructors	Asst. Prof. Supachart IAMRATANAKUL, Ph.D.						
Teaching Assistant (if any)							
Counselling Schedule				Teaching Language	<input type="checkbox"/> Thai <input checked="" type="checkbox"/> English <input type="checkbox"/> Others, please specify.....		
Website or Online Teaching Method (if any)							

Course Learning Outcome

1. Understand the basic concepts and tools of economics and project feasibility study.
2. Able to analyze the issues in economics and project feasibility study.
3. Able to apply the knowledge of economics and project feasibility to the future study.

General Education Learning Outcome: GE-LO	
GE-LO	Value
<input checked="" type="checkbox"/> GE-LO-1 Analytical and Critical Thinking	2
<input checked="" type="checkbox"/> GE-LO-2 Complex Problem Solving	2
<input checked="" type="checkbox"/> GE-LO-3 Creativity	2
<input type="checkbox"/> GE-LO-4 Interpersonal Skills	
<input type="checkbox"/> GE-LO-5 Integrity and Perseverance	
<input checked="" type="checkbox"/> GE-LO-6 Active Learning and Learning Strategies	3
<input checked="" type="checkbox"/> GE-LO-7 Resilience, Stress Tolerance and Flexibility	3
<input checked="" type="checkbox"/> GE-LO-8 Leadership and Social Influence	1
<input checked="" type="checkbox"/> GE-LO-9 Communication	2
<input type="checkbox"/> GE-LO-10 Entrepreneurship and Startup	
<input type="checkbox"/> GE-LO-11 Digital Quotient Literacy and Digital Media Production	
Total Value	<u>15</u>

Teaching Plan and Evaluation Plan

Week	Topic/Sub-topic	Activities	Notes
1	Introduction to the Economics	Class discussion and learning	
2	Economic Decisions	Class discussion and learning / Group Presentation	
3	Supply, Demand, and Equilibrium	Class discussion and learning / Group Presentation	
4	Accounting and Financial Decisions / Financial Ratio Analysis	Class discussion and learning / Group Presentation	
5	Prices, Costs, and the Gains from Trade	Class discussion and learning / Group Presentation	
6	Case study 1 Presentation	Class discussion and learning / Group Presentation	
7	Time Value of Money / Economic Equivalent	Class discussion and learning / Group Presentation	
8	Investing in Financial Assets	Class discussion and learning / Group Presentation	

Week	Topic/Sub-topic	Activities	Notes
9	Case study 2 Presentation	Class discussion and learning / Group Presentation	
10	Evaluating a Single Project	Class discussion and learning / Group Presentation	
11	Comparison and Selection among Alternatives	Class discussion and learning / Group Presentation	
12	Term Project Proposal's Presentation	Class discussion and learning / Group Presentation	
13	Breakeven and Sensitivity Analysis	Class discussion and learning / Group Presentation	
14	Capital-Budgeting Decisions	Class discussion and learning / Group Presentation	
15	Term Project Presentation	Class discussion and learning / Group Presentation	

Evaluation Plan

Assessment Activities	Value	Score	Week of Evaluation	Notes
1. Attendance	1	4	semester	Punctuality (later than 13.30 or 17.00 is considered late) 1 hr late = absence More than 3 absences = U
2. Participation	2	8	semester	
3. Class Assignments	3	12	semester	Submitted in the class or as assigned by the teachers No submission / Blank paper / Plagiarism = 0 score
4. Class Presentations	3	12	semester	1. Presentation 5-10 mins individual presentation 2. Presentation Group work (4-6 members) 30-35 mins presentation No participation / no group = 0 score
5. Individual Term Project	6	24	week 15	Take-home projects (Individual Contributions)
Total	15	60		

Evaluation criteria

<input type="checkbox"/> Group-based								
<input checked="" type="checkbox"/> Standard-based								
Grade	A	B+	B	C+	C	D+	D	F
Score (60 points)	57-60	49-56.9	41-48.9	34-40.9	27-33.9	21-26.9	15-20.9	0-14.9
<input type="checkbox"/> Satisfactory/Unsatisfactory (S/U)								
Grade	S				U			
Score (60 points)	30-60				0-29.9			

Scoring criteria according to Assessment Plan

Assessment Activities	Learning Outcomes	Value	Rubric Scores			
			4 (Excellent)	3 (Good)	2 (Fair)	1 (Poor)
1. Attendance	GE-LO-8	1	More than <u>10 times</u> punctuality	<u>9- 10 times</u> punctuality	<u>7-8 times</u> punctuality	<u>Less than 7 times</u> punctuality
2. In-Class Participation	GE-LO-6	2	More than <u>10 times</u> participation	<u>9- 10 times</u> participation	<u>7-8 times</u> participation	<u>Less than 7 times</u> participation
3. Class Assignments	GE-LO-7	1	Cover <u>all</u> objectives and contents	Cover <u>most</u> objectives and contents	Cover <u>some</u> objectives and contents	<u>Not</u> cover any objectives and contents
	GE-LO-1	1	Analyse and synthesize the questions and problems assigned during the class <u>at least 5 times</u>	Analyse and synthesize the questions and problems assigned during the class <u>4 times</u>	Analyse and synthesize the questions and problems assigned during the class <u>3 times</u>	Analyse and synthesize the questions and problems assigned during the class <u>2 times</u>
	GE-LO-3	1	Precise Method Unique ideas <u>Integrated knowledge</u>	Precise Method <u>Unique ideas</u>	Precise Method <u>Ordinary ideas</u>	<u>Unclear</u> method
4. Class Presentation	GE-LO-3	1	Precise presentation Unique ideas <u>Integrated knowledge</u>	Precise presentation <u>Unique ideas</u>	Precise presentation <u>Ordinary ideas</u>	Unclear presentation
	GE-LO-7	1	Cover <u>all</u> objectives and contents	Cover <u>most</u> objectives and contents	Cover <u>some</u> objectives and contents	<u>Not</u> cover any objectives and contents
	GE-LO-9	2	Good time management, Appropriate communication Using <u>suitable</u> tools	Good time management, <u>Appropriate</u> communication	<u>Good</u> time management, Lack of appropriate communication	<u>Poor</u> time management
5. Individual Assignments	GE-LO-1	1	Cover <u>all</u> analysis, and contents	Cover <u>most</u> analysis, and contents	Cover <u>some</u> analysis, and contents	<u>Not</u> cover any analysis, and contents
	GE-LO-2	2	Cover <u>all</u> solutions	Cover <u>most</u> solutions	Cover <u>some</u> solutions	<u>Not</u> cover any solutions
	GE-LO-6	1	Clear results with reasonable explanation	Clear results	Unclear results with reasonable explanation	Unclear results

Assessment Activities	Learning Outcomes	Value	Rubric Scores			
			4 (Excellent)	3 (Good)	2 (Fair)	1 (Poor)
	GE-LO-7	1	Cover <u>all</u> objectives and contents	Cover <u>most</u> objectives and contents	Cover <u>some</u> objectives and contents	<u>Not</u> cover any objectives and contents