

Degree Course

 Undergraduate Master Doctorate

TQF 5

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Section 1 General Data

1. Course Code and Subject CIM2103 Quantitative Analysis
2. Name of Credits 3 (3-0-6)
3. Curriculum and Course category Bachelor of Business Administration, Program in Global Supply Chain Management (International Program)
4. Course Coordinator and Course Lecturer Mr. Lamphai Trakoonsanti
5. Semester / Academic year 1/2016
6. Course Pre-Requisite (If any) none
7. Course Co-requisites (If any) none
8. Classroom 1-301
9. Prepared or Course Revision Details recently Date 23 December 2016

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Section 2 Actual teaching hour in comparison with teaching plan

1. Actual teaching hour in comparison with teaching plan report

Topics	Hour in teaching plan	Hour in actual teaching	Reasons (if the different teaching hour is more than 25%)
Introduction to Quantitative Analysis	3	3	-
Introduction to Probability	3	3	-
Probability Distributions	3	3	-
Decision Analysis	3	3	-
Utility and Game Theory	3	3	-
Forecasting	3	3	-
Introduction to Linear Programming	3	3	-
Transportation and Transshipment Problems	3	3	-
Project Scheduling	3	3	-
Inventory Models	3	3	-
Waiting Line Models	3	3	-
Simulation	3	3	-
Simulation II	3	3	-
Markov Processes	3	3	-
Multicriteria Decisions	3	3	-

2. Topics that have not been taught according to teaching plan

Topics that have not been taught	Significance of taught topics but not following teaching plan	Makeup method

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None	None	-
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3. Effectiveness of teaching method for learning outcomes as stated in course intention and objectives

Learning outcomes	Teaching methods as stated in course syllabus	Effectiveness		Problem of using teaching method (if any) and solution
		Yes	No	
1. Ethics and Morals	1. Attendant 2. Group Responsible	✓		
2. Knowledge	1. Lecture with case study 2. Presentation and assignment 3. Reading, Writing, Listening & Speaking	✓		
3. Cognitive Skills	1. Analyze the case study 2. Group discussion 3. Exhibit a project and presentation	✓		
4. Interpersonal Skills and	1. Leadership and Fellowship	✓		
5. Numerical Analysis,	1. Quantitative Analysis	✓		

1. Suggestions to improve teaching method

- a. Provide the real quantitative problems for students to analyze
- b. Arrange relevant case study in the real world
- c. Invite guest speaker to share the real experience

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a. Variation of the evaluation period

Variation	Reason
None	-

b. Variation of learning evaluation

Variation	Reason
None	-

7. Student efficiency review

Review method	Solution
Lecturer can review the course evaluation as stated in the course syllabus	Group presentation score can be adjusted in order to improve the interpersonal relationship and responsibilities learning outcome

Section 4 Problem and impact on course administration

1. Teaching resources and facilities

Problem	Impact
None	-

2. Administration and organization

Problem	Impact
None	-

Section 5 Course evaluation

1. Evaluation result from student (with attachment)

a. Comments from student

Some lecture is too complicated and difficult to understand

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Lecturer tried to simplify the content and Thai language has been used to explain in some lecture

2. Evaluation result from external committee**a. Comments from external committee**

None

b. Comments from lecturer respond to a.

None

Section 6 Improvement plan**1. Progress on improvement according to the previous plan**

Proposed improvement plan from previous plan	Result
None	-

2. Other improvements

None

3. Projected improvement plan for the next academic year

Projected improvement plan	Time frame	Responsible person
1. Arrange research and case study 2. Invite guest speaker to give the lectures	Within next academic year	Program director

4. Suggestions from course lecturer to program director

None

Course Lecturer Mr. Lamphai Trakoonsanti

Signature..... .Report Date December 29, 2016

Program Director Ms. Natthakan Roothamnong

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Signature.....Report Date December 29, 2016