FSCS 401 – Economic Feasibility Studies I

Basic Information

Course Title:	Economic Feasibility Studies I		
Code:	FSCS 401		
Hours:	Lecture: 3	Tutorial: 1	Credit Hours: 3
Prerequisite(s):	None		
Academic Year / Level:	Year: 4	Term: 1	

1-Course Description and Overall Aims:

This course provides students with definition of economic feasibility study, the relation between economic feasibility study and economic development, the steps to do pre-feasibility study, the detailed feasibility study (marketing, technical and engineering, financing and financial), the different methods to evaluate the proposed projects and to choose among them especially under risk and uncertainty (NPV, IRR, BCR, decisions tree, etc…) with some case studies.

Course Aims:

Recognize the concepts and steps of preparing a feasibility study.
Recognize when and why the proposed projects will be accepted or rejected according to private sector point of view.
Develop the ability to self appraise and reflect on practice relevant to commercial projects feasibility studies.

2-Intended Learning Outcomes of the Course (ILOs):

(A) Through **knowledge and understanding**, students will be able to:

- (K1) Understand concepts, principles, and steps of feasibility studies.
- (K2) Realize the aspects of Marketing, Technical, Financing and Financial feasibility studies.
- (K3) Understand the different methods of projects appraisal from private sector point of view.

(B) Through **intellectual skills**, students will be able to:

- (I1) Analyze and evaluate the concepts and steps of doing feasibility studies.
- (I2) Recognize when and why the proposed projects will be accepted or rejected according to private sector point of view.

(C) Through **professional and practical skills**, students will be able to:

- (P1) Develop the ability to self appraise and reflect on practice relevant to commercial projects feasibility studies.

(D) Through **general and transferable skills**, students will be able to:

(G1) Develop appropriate effective written and oral communication skills relevant to feasibility studies.

3-Course Outline:

Week Number 1: Concept and Classifications of Feasibility Studies

Week Number 2: Pre Feasibility Study

Week Number 3: Continue: Pre Feasibility Study

Week Number 4: Marketing Feasibility Study

Week Number 5: Continue: Marketing Feasibility Study

Week Number 6: Technical Feasibility Study

Week Number 7: Midterm Evaluation + Continue: Technical Feasibility Study

Week Number 8: Continue: Technical Feasibility Study

Week Number 9: Financing Feasibility Study

Week Number 10: Continue: Financing Feasibility Study

Week Number 11: Continue: Financing Feasibility Study

Week Number 12: 12th Week Evaluation + Continue: Financing Feasibility Study

Week Number 13: Project Evaluation

Week Number 14: Continue: Project Evaluation

Week Number 15: Continue: Project Evaluation

Week Number 16: Final Examination

4-Teaching and Learning Methods:

The course comprises a combination of lectures, direct reading and case studies.
Facilitates Required: Overhead Projector and Data Show.

5-Student Assessment Methods, Schedule and Grading:

Assessment No.	Type	Start Week No.	Submit Week No.	Weight %
1	Midterm Evaluation	1	7	25
2	12th Week Evaluation	8	12	25
3	Final Examination		16	50
Total				100

6-List of References:

(a) Course Notes:

Notes are handed out to the students throughout the semester.

(b) Essential Books (Text Books):

PCH Publication (Ed), "Feasibility Study Preparation and Analysis Book", PCH Publications, USA, 2011.

(c) Recommended Books:

Dr. Mamun Habib, Dr. Chamnong Jungthirapanich, "Feasibility Study - Marketing, Financial and Operational Analysis", LAP LAMBERT Academic Publishing, USA, 2011.

(d) General References:

http://www.mpmm.com/project-management-case-studies.php