

OUTLINE

January 5, 2012

**Cost Benefit Analysis  
GRADUATE COURSE**

**Directed Studies – POPM\* 6950**

**Instructors:**

Dr Michael von  
Massow CME  
Dr David  
Kelton Population  
Medicine

**Discussions:** Mondays (biweekly) or as Scheduled

**Course Objectives:**

The course is intended to provide students with the concepts and tools to undertake comprehensive cost benefit analysis of health interventions. The course will provide a foundation of a cost benefit framework as a starting point for students to ensure they understand the range of issues and challenges that can arise in undertaking cost benefit analysis. After an introduction of the key elements of cost/benefit analysis, students will be assigned specific examples from the broad cost/benefit literature that illustrate specific challenges and the strengths and weaknesses of different approaches to addressing these challenges. The students will then apply their learning to a develop a framework specific to a problem in population medicine to demonstrate an understanding of both the concepts and application of cost benefit analysis.

The specific objectives are:

1. That the student be able to demonstrate an understanding of the basic cost benefit model and its application.
2. That the student be able to discuss key challenges in the application of the cost benefit model.
3. That the student be able to develop and implement a cost benefit framework as applied to a specific initiative in the dairy industry.

**Cost Benefit Analysis  
GRADUATE COURSE**

**Directed Studies – POPM\* 6950**

**Winter 2012**

**Evaluation:**

1. Each student will complete assigned reading and participate in discussion on various topics of cost benefit analysis. The readings will be both from textbooks (foundations) and from papers (applications and issues).
2. Students will be assigned specific topics and make presentations in class introducing the key elements of the topic to begin the discussion.
3. There will be three short quantitative assignments so that students can demonstrate an ability to apply specific tools correctly.
4. Each student will develop a framework for the application of cost benefit analysis to a specific initiative/issue in the dairy industry.

1.	Three quantitative assignments	20%
2.	Class presentations	20%
3.	Framework development	60%
4.	Participation (regular meetings)	20%
		-----
		100%