**COURSE DESCRIPTION**

This course is designed to give the student a general understanding of the economics of healthcare. At the end of the course the student will understand why economics in Healthcare is unique. They will also have an understanding of Healthcare markets including supply, demand, production, and costs. Healthcare is the perfect industry to see how market failures occur and why government or regulation may be necessary. The student will have a better understanding of health insurance and Healthcare financing. Finally, the student will be exposed to different techniques for economic evaluation in Healthcare.

**Course Themes:**

The first module will be a general overview of how economic theory, models, and techniques can be applied to the unique case of Healthcare. (opportunity cost, wants/needs/demands, public/private mix of activities). It will give a general overview of the Healthcare, primarily domestically, and its importance to the overall economy.

The second module will introduce Healthcare Markets. Topics included in the demand, production and costs of Healthcare, and supply side of Healthcare.

The third module will evaluate the market for Healthcare, Market Failures, and the Role of Government. Issues including Healthcare related externalities, public goods, asymmetrical information, and market power will be discussed. The regulations, taxes, and public policy will also be discussed.

The fourth module will evaluate the impact of the third party payment system on Healthcare. The supply, demand, and failures of Health Insurance will be discussed. Other topics to be discussed include the framework for Healthcare financing, prospective reimbursement, types of payers and methods of payment.

The fifth module will look at how to evaluate value in Healthcare. In particular, we will look at cost-benefit analysis, cost-effectiveness analysis, Health outcome measurements, and overall measurements of gain in health.

The final module will be a conclusion. It will review the role and impact of the consumer, suppliers, and government. It will touch upon how companies, consumers, the government, and others can help to change the current state of Healthcare based upon the application of economic theories in concert with synergistic strategies.

**Classroom Contributions.** The learning experience in a course like this one depends heavily on each student being prepared to actively participate in every class session. We
all have expectations that will enrich the topic and direction of discussion in the course. This means that you need to be fully acquainted with the readings for a given session. Positive participation includes attendance, active involvement in all in-class exercises and discussions, and maintenance of a classroom demeanor that encourages the participation of others. You will be evaluated on the quantity as well as the *quality* of your contribution and insights. Quality comments possess one or more of the following attributes: (a) Contribute to moving the discussion forward; (b) Offer a different, unique and relevant perspective on the issue; (c) Build on other comments of others; and (d) Include some evidence or analysis of inherent tradeoffs, i.e., demonstrate reflective thinking.

THERE WILL BE NO LAPTOPS ALLOWED IN THE ROOM.

Lectures will be posted after class.

The class will not be video taped.

*Written Midterm Essay.* Each student will be required to prepare an essay based upon questions to be distributed in class. Your analysis must be your own work, devoid of any discussion or consultation with others. It should address the questions specifically. All answers should be size 12, single spaced, with 1” borders. Total length of the response will be reported for each question. The case assignment will be graded for content and format. You are required to turn in a paper that conforms to professional standards of organization, grammar, punctuation, spelling, and paragraph/sentence structure. All students will be held to current NYU Honor Code.

(https://w4.stern.nyu.edu/scorp/committee.cfm?doc_id=4797)

Each student should include the following at the end of their paper "I pledge my honor that I have not violated the [Stern Honor Code] in the completion of this [examination/assignment]." The essay should be submitted in electronic format to both cbleuste@stern.nyu.edu and the Teaching Assistant (email to be given) in separate emails.

*Optional Materials.* The background for the course in Healthcare Economics is well presented in *Economic Analysis in Health Care* by Stephen Morris, Nancy Devlin, and David Parkin. Although I am making the book optional, I would recommend reading the chapters for better understanding and insight into healthcare.

*Grading Plan.* The course grade will be based on the following components and weights:

Classroom Contributions: 25%
Midterm Essay: 25%
Final Exam: 50%
SCHEDULE
Additional Readings may be assigned if time permits.
Notice will be given at the end of each class if addition material will be needed.

(each class from 6-9 pm)
Session #1    HealthCast 2020: free download steps below, or check blackboard.
             • www.pwc.com/hri
             • Go to the search function on top right
             • Type healthcast 2020
             • Select HealthCast 2020: Creating a sustainable future
             • Download
             Optional: Economic Analysis in Health Care, Chapter 1.

Session #2    Optional: Economic Analysis in Health Care, Chapter 2, 3, 4

Session #3    NY Times Articles: Saving a Hospital
             Optional: Economic Analysis in Health Care, Chapter 5, 6

Midterm due by 5pm EST.

Session #4    Time Article: Medical Tourism
             Optional: Economic Analysis in Health Care, Chapters 9 and 10

Session #5    British Balance Gain Against the Cost of the Latest Drugs
             Minimal Impact of the Big Hypertension Study
             Optional: Economic Analysis in Health Care, Chapters 11 and 12

Session #6    Article: Economics of IT and Hospital Performance

Written Final Exam