Readings:


Course Objectives:

The primary objective for this course is decision making in the context of managing a business. Completion of this problem requires an understanding of two topic areas:

1) Supply and demand – we need a basic understanding of how markets work and how both costs and consumer preferences play a role in determining prices.
2) Market Structure and Pricing Strategy – If you can set your price, how should you set your price knowing that you face competition in the marketplace? How does a changing marketplace affect your pricing strategy?

However, the bigger picture of this course is to understand decision making in a broader context. Economics is all about human behavior. That is, why do people do what they do? In this sense, being an economist is a lot like being a detective. Just as detectives look for clues to solve a crime, we look at the behavior of individuals and use these observations on human behavior to understand the objectives behind those decisions.

Class Preparation:

Note that for each meeting, I have listed the textbook chapters that will be covered. It would be useful if you could read through the listed chapters before we meet. This should be a very quick reading. I am not looking for you to
completely understand everything (if that was the case, what’s the point of the class?!). Your first reading should focus on some of the terminology and a basic familiarity of the concepts. After each session, you should be able to work through the exercises at the end of the chapters. These exercises will not be graded. They are meant to give you a chance to practice some of the tools discussed in class. If you have trouble with any of the exercises, you can contact me, or we can discuss them the following class.

Grading:

We will have a quiz at the beginning of each class. It will be a short quiz intended to cover the basic concepts discussed in the previous class. The quizzes should provide you with a measure of whether or not you are keeping up with the material. There will also be a cumulative final.

- 30% Quizzes
- 70% Final Exam

Session I (April 21st): The Basics: Supply and Demand

This session lays out the basic assumptions and tools that we will rely on for the remainder of the class. First and foremost, I will introduce you to Homo Economicus, or, “Economic Man”. We assume that economic man behaves in a very specific way, so we should spend some time thinking about whether or not our behavioral assumptions are reasonable. Next, we will look at some of the implications the existence of economic man has for how markets function and how market prices are determined. Truthfully, there are very few applications of supply and demand that are reasonable for analyzing the real world, but the simple supply/demand story will always provide some good intuition into how a more complicated world functions. Finally, we will finish up with a few real world examples and a discussion of markets.

- Froeb & McCann, Chapters 8, 9, 10, 11

Session II (May 5th): Competitive Pricing

Once we have some knowledge about our customers, we need to have an understanding of the competitive environment in which it operates. In this session, we will look at the simplest of environments. Specifically, we will focus on industry structures where pricing decisions are competitive (i.e. you choose your price taking the decisions of your competitors as a given constant). In a monopoly environment, you are by definition, the only firm in the marketplace, so competitive pricing is a reasonable assumption. In a pure/monopolistic competition framework, you face the opposite extreme – you have so many competitors that the effect of any one competitor’s behavior is small enough that
it can be ignored. In this environment, we will look at a variety of pricing structures from the simplest (you set one price to everybody) to the more complex (you set multiple prices to different customer types).

- Froeb & McCann, Chapters 12, 13, 14

Session III (June 2nd): Strategic Pricing Techniques

Next, we will move from competitive pricing to strategic pricing. In this environment, you face a small number of competitors (think about the airline or automotive industries). In this market structure, you can no longer ignore your competitor’s decisions. In fact, you have to assume that any decision you make will cause a reaction from your competitors. Therefore, we need to take those responses into consideration when setting our prices.

- Froeb & McCann, Chapters 15, 16

Session IV (June 16th): Review For Final Exam

Final Exam: June 30th, 1:15PM – 3:15PM