

Learning Unit : Introduction to Economics	Last Updated: 24/08/2020
Major: LCP, LRI, LAEDS, LGT	Plan: 420
Semester: 3rd semester	Credits: 3

Week	Topic	Activities, homework and exams	Bibliography
1	PROGRAM PRESENTATION		
2	Developing the topic given by teams (See description 1) 1. Central concepts of economics 2. Modern Mixed economy 3. The demand and supply curves and the equilibrium 4. Price elasticity of demand and supply 5. Perfectly Competitive Markets 6. Imperfect Competition and Monopoly 7. Competition among the Few: Game Theory	Find from 3 to 5 different sources about the topic to develop each of the key concepts	Samuelson, P. & Nordhaus, W. (2010) Economics. Mc Graw Hill. 19 th Edition. Recovered from http://pombo.free.fr/samunord19.pdf
3		Make a synoptic chart about all the key concepts	
4		Preparation of a Class presentation about the topic on a video with all the team participants (Between 7-12 minutes) Preparation of an activity to evaluate the rest of your classmates The presentation must include: Portrait; full name of team members, content (it can be with you at front, graphs, visual resources, interactive, at the end sources of information, activities done by each member	The core team (2020). The economy. Recovered from https://core-econ.org/the-economy/book/text/0-3-contents.html
5		Mandatory assistance of all students	Convenient different sources, UANL Digital Library

6		<p>Exhibition of all the video contents Presentation of all the topics in videos. It is necessary to upload and share with classmates the video and also the synoptic chart through Microsoft teams platform and the evidence in Nexus</p>	<p>Nordhaus, W. (2010) Economics. Mc Graw Hill. 19th Edition. Recovered from http://pombo.free.fr/sa/munord19.pdf</p> <p>The core team (2020). The economy. Recovered from https://core-econ.org/the-economy/book/text/0-3-contents.html</p> <p>Convenient different sources, UANL Digital Library</p>
7	<p>Building the Integrative Learning Product using Model PBL solving a real case</p> <p>Read the FACTS, decide for the ECONOMIC SYSTEM, start looking for information to SUPPORT the review article and choose the DECISION MAKING (See description 2)</p>	<p>Using at least two charts and videos of the information developed in the first part (different from yours), start developing ideas about the final project. Upload the first project proposal including the intention, main ideas, and the decisions taken from the Activities</p>	<p>Samuelson, P. & Nordhaus, W. (2010) Economics. Mc Graw Hill. 19th Edition. Recovered from http://pombo.free.fr/sa/munord19.pdf</p> <p>The core team (2020). The economy. Recovered from https://core-econ.org/the-economy/book/text/0-3-contents.html</p> <p>Convenient different sources, UANL Digital Library</p>
8		<p>Watch the videos related to how to make a research, choose a topic and also find and use scientific sources</p>	<p>Youtube VIDEOS</p>
9		<p>Watch the videos related to the Objectives of the project</p>	<p>Youtube VIDEOS</p>

10		Watch the videos related to write an article and the use of APA style of citation	Youtube VIDEOS
11	Integrative Learning Product Review	Upload the second project proposal which includes the structure for the final project (See description 8)	Convenient different sources, UANL Digital Library
12	Exhibition of the Integrative Learning Products	Mandatory assistance of all students for the Final Exhibition of Integrative Learning Products	Convenient different sources, UANL Digital Library
13			
14			
15	FINAL GRADE		
16	Upload fist opportunity grades in SIASE		
17	Counseling for second opportunity		
18	Second Opportunity		
19	Second Opportunity		
20	Final Grades in SIASE		

Student Activities

2. TOPICS TO DEVELOP BY TEAMS

Phases	Topics	Key concepts	Sources
Phase 1. Basic concepts of Economics	1. Central concepts of economics	Definitions of Economics, differences between Microeconomics and Macroeconomics, decision making, Scarcity and Efficiency, inputs, outputs, The Production-Possibility Frontier, Opportunity Costs	Samuelson, P. & Nordhaus, W. (2010) Economics. Mc Graw Hill. 19 th Edition. Recovered from http://pombo.free.fr/samunord19.pdf
	2. Modern Mixed economy	Solving the 3 issues in economics: What goods and services will be produced, How things are produced, For whom things are produced, Trade, the gains from Specialization, and Division of Labor, Efficiency, Imperfect Competition, Externalities, Public Goods, example of Mixed Economy Today	The core team (2020). The economy. Recovered from https://core-econ.org/the-economy/book/text/0-3-contents.html
Phase 2. Basic Concepts of Supply and demand	3. The demand and supply curves and the equilibrium	Buying and selling: Demand and supply, The Demand Curve, Market Demand, Forces behind the Demand Curve, Shifts in Demand; The Supply Curve, Forces behind the Supply, Shifts in Supply, The market and the equilibrium price, Effect of a Shift in Supply or Demand, Interpreting Changes in Price and Quantity	Convenient different sources, UANL Digital Library
	4. Price elasticity of demand and	Price Elasticity of Demand, Price Elasticity of Supply, Using demand elasticities in government policy, Price-setting, competition, and market power, Product selection, innovation, and advertising, Prices,	

	supply	costs, and market failure, table of examples of at least 10 concepts of each type of elasticity: elastic, unitary and inelastic	
Phase 3. Types of markets	5. Perfectly Competitive Markets	Perfect Competition concepts, Supply Behavior of the Competitive Firm, Profit Maximization, Summing All Firms' Supply Curves to Get Market Supply, Short-Run and Long-Run Equilibrium, Examples of perfect competition firms in Mexico	
	6. Imperfect Competition and Monopoly	Definition of Imperfect Competition, Varieties of Imperfect Competitors, Monopoly, Oligopoly, Monopolistic Competition, Sources of Market Imperfections, Costs and Market Imperfections, Examples of imperfect competition firms in Mexico	
	7. Competition among the Few: Game Theory	Game Theory concepts, Equilibrium in the invisible hand game, the prisoners' dilemma, Social preferences: Altruism, Altruistic preferences in the prisoners' dilemma, Nash equilibria, Social interactions: Conflicts in the choice among Nash equilibria Cooperation, negotiation, conflicts of interest, and social norms	

3. INTEGRATIVE LEARNING PRODUCT:

Review article of a practical case using at least three different topics from the first part, where it has to be decided and developed the next steps:

FACTS: Given the recent economic crisis that Mexico is facing due to the COVID 19 pandemic, the authorities must make the decision of what to do with the money raised with the presidential plane raffle, the auctions of the assets confiscated from drug trafficking and anti-corruption politics where large companies are paying the debts they had with the Ministry of Finance SHCP (tax evasion).

ECONOMIC SYSTEM: This position is subject to deciding between a **capitalist** economic system (consumers decide in freedom and democracy, the consumer judges on quality, distinguishes between adulterations and fraud, access to a higher quality of goods and services, with negative tendencies towards consumerism, influenced by fashions and advertising, poor tendency to save and also wealth is not distributed equitably) or **socialist** economic system (wealth is distributed more equitably, individuals are not manipulated by companies with the disadvantage of fewer and less varied goods are produced, there is no freedom of choice, the technological progress of companies is restricted).

SUPPORT: This is how a review article will be made, with scientific support (that is, the decision must be supported by literature obtained in databases, scientific articles, specialized books), about what the government should focus on at present to use those resources, focusing on what to produce? In what quantities? How to produce? and for whom to produce?

DECISION MAKING: As advisers to the federal government, make suggestions about focusing the resources collected on buying more supplies, vaccines and

better payments to the **HEALTH** sector; or invest resources in financing and support to the informal sector, SMEs, SMEs and large companies for the **CORPORATE ECONOMIC REACTIVATION**; or invest in the **EDUCATIONAL SYSTEM** in support of students (for greater and better coverage), free access to education, investment in technologies and devices for students and teachers, scholarships for students, salary improvement for teachers (you have to choose only one option).

4. DELIVERY FORMAT STRUCTURE FOR FINAL PROJECT

The final work must contain the following structure:

1. Cover
2. General index
3. Index of tables (graphs, tables, figures, illustrations or maps)
- 4 Introduction
5. Sections of Economic system, Support and decision making
 - 5.1 (Example) Basic concepts and definitions
 - 5.2 (Example) Problem to address
 - 5.3 (Example) Possible solutions or areas of opportunity
6. Conclusions and proposals
7. References

Evaluation

Synoptic chart (teams)	15 %
Video Presentation (teams)	20 %
First Project proposal	10 %
Second Project proposal	15 %
Integrative Learning Product (PIA)	30 %
Final Exhibition (Oral)	10 %
TOTAL: 100%	

Bibliography

Russek, A. L. (2009). *Fundamentos de Economía*. México: Pearson Educación.

Rodríguez-Burgos, K. (2012). Investigación cuantitativa: Diseño, técnicas, muestreo y análisis cuantitativo. En K. Sáenz, F. Gorjón, M. Gonzalo & C. Díaz. (Ed.), *Metodología para investigaciones de alto impacto en las Ciencias Sociales y Jurídicas* (pp. 137–158). Editorial Dykinson

Rodríguez-Burgos, K. & Gorjón, E. (2014). Grupos de enfoque. En K. Sáenz & G. Tamez (Ed.), *Métodos y técnicas cualitativas y cuantitativas aplicables a la investigación en ciencias sociales* (pp. 32–44). Editorial Tirant Humanidades.

Sáenz, K. & Rodríguez-Burgos, K. (2014). Habilidades investigativas. En K. Sáenz & G. Tamez. (Ed.), *Métodos y técnicas cualitativas y cuantitativas aplicables a la investigación en ciencias sociales* (pp. 86–95). Editorial Tirant Humanidades.

Samuelson, P. & Nordhaus, W. (2010) *Economics*. Mc Graw Hill. 19th Edition. Recovered from <http://pombo.free.fr/samunord19.pdf>

Secretaría de Economía, recuperado de <http://www.economia.gob.mx/comunidad-negocios/comercioexterior/informacion-estadistica-y-arancelaria#>

The core team (2020). *The economy*. Recovered from <https://core-econ.org/the-economy/book/text/0-3-contents.html>