



University of Engineering and Technology
School of Computer Science
Syllabus of Course – Academic Period 2017-I

1. Code and Name: GH2012. Developing Economies

2. Credits: 3

3. Hours of theory and Lab: 2 HT; 2 HP;

4. Professor(s)

Meetings after coordination with the professor

5. Bibliography

[N02] Gregory. N. *Principios de Economía*. Mc Graw Hill, 2002.

6. Information about the course

(a) **Brief description about the course** This course seeks to introduce the student to the general concepts of microeconomics and macroeconomics. The goal is for students to be able to explain processes of reality from the logic of economics. After having completed the micro and macroeconomics modules, students must choose one of the two proposed elective tracks. The elective tracks are i) cases of fast-growing economies and dramatic recessions and ii) public policies for poverty reduction in Latin America. The idea is that students can choose between two options that allow them to analyze concepts of economics applied to reality. In terms of contents, the student must have a clear understanding of the general concepts and topics that make up macro and microeconomics. Concerning the competencies to be worked on in this course, the student is expected to be able to apply theoretical concepts to the analysis of cases

(b) **Prerequisites:**

(c) **Type of Course:** Mandatory

7. Competences

- Ability to interpret information.
- Ability to formulate solution alternatives.
- Ability to understand texts .

8. Contribution to Outcomes

d) An ability to function on multidisciplinary teams. (**Usage**)

e) Understand correctly the professional, ethical, legal, security and social implications of the profession. (**Usage**)

f) An ability to communicate effectively. (**Usage**)

n) Apply knowledge of the humanities in their professional work. (**Usage**)

9. Competences (IEEE)

C10. Understanding of the impact on individuals, organizations, and society of deploying technological solutions and interventions. ⇒ **Outcome d,n**

C17. Ability to properly express in oral and written media as expected from a university graduate. ⇒ **Outcome f**

C18. Ability to participate actively and as a member of a team. . ⇒ **Outcome f**

C21. Understanding the professional, legal, security, political, humanistic, environmental, cultural and ethical issues. ⇒ **Outcome e**

10. List of topics

1. Economies and Development.

11. Methodology and Evaluation

Methodology:

Theory Sessions:

The development of the theoretical sessions is focused on the student, through his active participation, solving problems related to the course with the individual contributions and discussing real cases of the industry. The students will develop throughout the course a project of application of the tools received in a company.

Lab Sessions:

Practical sessions are held in the laboratory. Laboratory practices are performed in teams to strengthen their communication. At the beginning of each laboratory the development of the practice is explained and at the end the main conclusions of the activity in group form are highlighted.

Oral Presentations :

Individual and team participation is encouraged to present their ideas, motivating them with additional points in the different stages of the course evaluation.

Reading:

Throughout the course different readings are provided, which are evaluated. The average of the notes in the readings is considered as the mark of a qualified practice. The use of the UTEC Online virtual campus allows each student to access the course information, and interact outside the classroom with the teacher and with the other students.

Evaluation System:

12. Content

Unit 1: Economies and Development. (12)	
Competences Expected: 4	
Learning Outcomes	Topics
<ul style="list-style-type: none">• Interest to know about current issues in Peruvian society and the world .	<ul style="list-style-type: none">• Microeconomics.• Macroeconomics.• Cases of Rapidly Growing Economies of Dramatic Recessions.• Public Policies for Poverty Reduction in Latin America.
Readings : [N02]	