

Course Title: **Terminología Especializada en Económica y Mercados Bursátiles**  
Program and Track: **Interpretación y Traducción: 5° Cuatrimestre**  
Course ID: **IT0524**  
Cohort ID: **5C**

### **Description**

This course provides the modern foundations for linguistic translation in the field of economics with a focus on the documents common to fiscal reporting for banks, for corporations , and for stock market portfolio management. The professional translational mapping tools developed in this course will be specific to Spanish and English translations, although such tools and methodologies can readily be extended to the translation of other languages.

Major elements of the course will include: i) the conceptual framework for banks, corporations, stock markets within economic systems; ii) the definition and use of terms and terminologies in the field of economics that are relevant to banks, corporations , and stock market portfolio management; iii) the elements of style and the use of standard conventions in English; iv) a review of essential English grammatical structures; v) Version Control Systems (VCSs) and elements of quality assurance and quality control (QAQC) applied to documents; vi) the professional use of Large Language Models (LLMs) in translation; vii) the direct translation of fiscal documents relevant to banks, corporations , and stock market portfolio management; and viii) the production of client deliverables.

### **Scope**

1. Conceptual Frameworks for Economic Systems and Stock Markets
  - 1.1 Economic Systems
  - 1.2 Banks
  - 1.3 Corporations
  - 1.4 Stock Markets
2. Standard Terms, Terminologies, and Acronyms
  - 2.1 Economic Systems
  - 2.2 Banks
  - 2.3 Corporations
  - 2.4 Stock Markets
3. The Elements of Style in Professional Writing
  - 3.1 Strunk and White's. "Elements of Style"
  - 3.2 Developing a Professional Voice
4. Review of Essential English Grammar
  - 4.1 Murphy's, "English Grammar in Use"
  - 4.2 The Yale Graduate Writing Center

## 5. Document QAQC and Version Control Systems

### 5.1 Fundamental Concepts of QAQC

#### 5.1.1 Introduction to Document QAQC

#### 5.1.2 Frameworks for Document QAQC

### 5.2 Introduction to Version Control Systems (VCSs)

#### 5.2.1 Git and Github

#### 5.2.2 Installation of Git

#### 5.2.3 Account setup in Github

#### 5.2.4 Git VCS Workflow

## 6. Introduction to the Professional Use of LLMs in Translation

### 6.1 Professional Translators in the 21<sup>st</sup> century

### 6.2 AI in the Field of Translation (Google and OpenAI)

### 6.3 Application Programmer Interfaces (APIs), Software Development Kits (SDKs) , and Integrated Development Environments (IDEs)

### 6.4 API-Based Translation

#### 6.4.1 Python

#### 6.4.2 Cloud Translation API (Google LLM)

#### 6.4.3 Open AI Translator API (GPT3.5 or GPT4.0)

## 7. Document Translation

### 7.1 Academic Texts and Papers

### 7.2 Bank Documents

### 7.3 Corporate Documents

### 7.4 Stock Investment and Portfolio Documents

## 8. Production of Client Deliverables

### **Expectations**

Students will be expected to:

- Attend all classes on time
- Be prepared to take notes and access materials on-line
- Participate in all class activities, including discussions and presentations
- Complete all assignments, quizzes, and the final exam

### **Exit Criteria**

Upon the successful completion of the course the student will be able to:

- Demonstrate a basic understanding of the relationship of banks, corporations, and stock markets within economic systems
- Acquire and use vocabulary related to the economics of banks, corporations, and stock market portfolio management
- Demonstrate a solid understanding of English grammatical structures and stylistic elements.
- Apply the principles of QAQC to document production by using a VCS
- Apply the principles of modern translation by using an API to access a LLM for English-Spanish translation

- Analyze and evaluate a variety of texts relevant to banks, corporations , and stock market portfolio management in order to produce clear, coherent, and accurate English-Spanish translations
- Produce professional quality client deliverables

**Interim Evaluations**

Daily Work and Participation	10%
Homework	60 %
Interim Exam	30%

**Final Grade**

Av. Daily Work and Participation	10%
Av. Homework	30 %
Av. Interim Exams	30%
Final Exam	30 %