

# Postgraduate Certificate Logic





## Postgraduate Certificate Logic

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/humanities/postgraduate-certificate/logic](http://www.techtitute.com/us/humanities/postgraduate-certificate/logic)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Structure and Content

---

*p. 12*

04

Methodology

---

*p. 16*

05

Certificate

---

*p. 24*

# 01

# Introduction

Incorporating formal logic into the analysis of philosophy requires specific education that incorporates the protocols and techniques of the art of reasoning. To achieve this, in this program, TECH Technological University will show the student, in a practical way, how to face dilemmas, assumptions and other situations of philosophical scrutiny with rigor and a well-founded reflection. With an extensive work program that, from the student's computer, will allow them to learn efficiently and comfortably. All this, with the reassurance provided by the most prestigious online university in the world.



“

*The ways of working with logic, with the theoretical foundations and practical procedures necessary to perform analysis from this field of work"*

This Postgraduate Certificate will give students all the knowledge they need to put the concepts and procedures of philosophical logic at the service of philosophical analysis. You will learn to reason in a reasoned way, analyzing the structures of the different types of discourse.

To this end, the professional will learn to use logical analysis techniques, such as syllogisms, inference rules, dilemmas, etc.

A very complete program that will allow you to acquire the clarity of thought necessary to establish a professional critical reflection.

If the goal is to improve oneself, achieve a positive change on a personal level, interact with the best and belong to the new generation of professionals capable of developing their work anywhere in the world, this may be the way to go.

A Postgraduate Certificate fully compatible with other work, personal, teaching or study commitments. From the start, in its teaching approaches, to the end, in its assessments, the system will be flexible to the student's needs. Consequently, the results are much more efficient, since the study will not become an unbearable burden, but rather, a stimulating and easy challenge to undertake and bring to fruition.

This **Postgraduate Certificate in Logic** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ Practical cases to apply the theoretical content to real life situations
- ♦ The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ It contains practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Algorithm-based interactive learning system for decision-making in the situations that are presented to the student
- ♦ Special emphasis on practical learning
- ♦ All of this will be complemented by theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is available from any fixed or portable device with an Internet connection



*A complete Postgraduate Certificate that will allow you to start your activity of analysis of reality, with the look of the contemporary philosopher and the support of the widest knowledge in this field"*



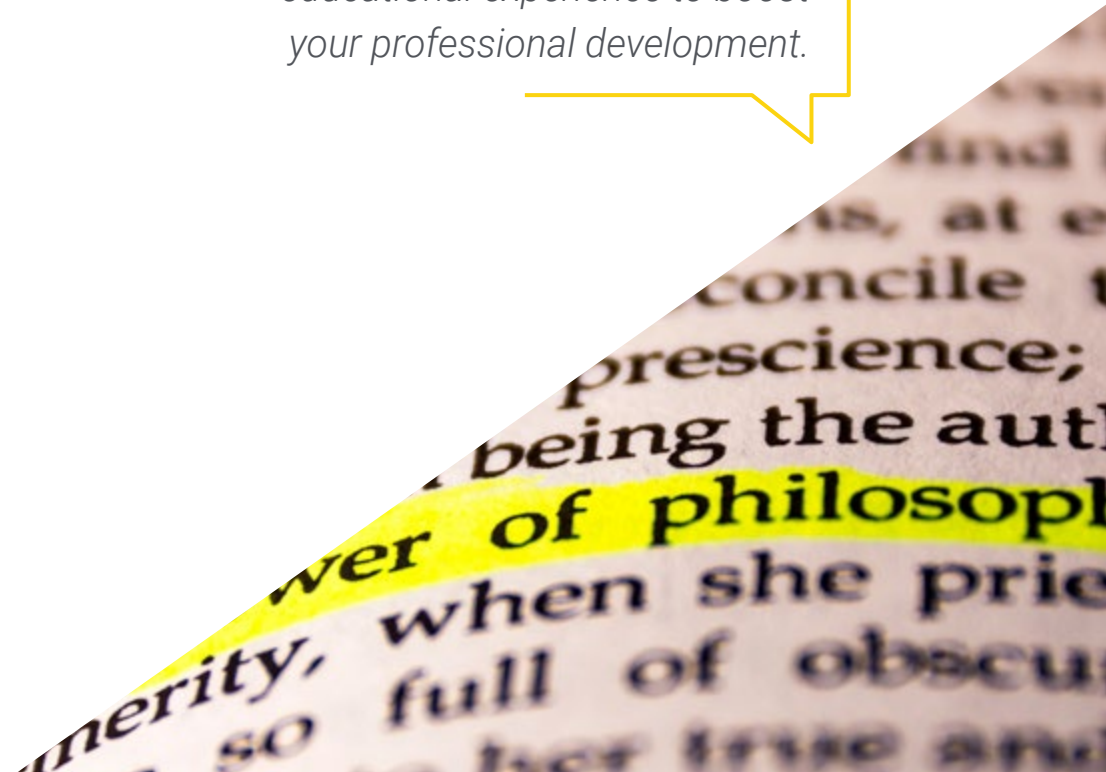
*Study with the largest university of the technological era and you will be part of an entity with a vocation of service, aware of the current needs of society, globally, and of the individual, in particular"*

At TECH Technological University we offer you the most innovative, creative and different proposal, in a dynamic institution with talent and international recognition. With a space to exchange ideas, experience and reflections. The professional will be able to share the experience in the study, through forums and other collaborative tools 100% online.

TECH Technological University accompanies the student at all times thanks to an involved and committed faculty. The university's teaching staff transmits what they do in their professional performance, working from a real, lively and dynamic context. But, above all, the critical side of the student is explored, their ability to question things, their competence in problem solving, their interpersonal skills.

*This Postgraduate Certificate is created to ensure you can study in a simple, efficient and flexible way, with the superior quality of an advanced academic program.*

*A unique, key, and decisive educational experience to boost your professional development.*



# 02 Objectives

With this Postgraduate Certificate, the professional will be prepared through the essential contents in the approach to this discipline, learning to carry out analyses, dissertations, presentations, debates or publications related to this subject, with the support of the most complete knowledge. A program with which the student will learn while enjoying the benefits of a program designed to optimize their work time to the maximum.





“

*An intensive and efficient syllabus that will allow you to learn everything you need to know about the use of philosophical logic, with the quality of the best study materials and an online system that has won international recognition"*



## General Objectives

---

- ♦ Acquire a rigorous philosophical method, shaped by the order in thought and the capacity for dialog, as well as putting it into practice
- ♦ Possess the adequate tools to study philosophical subjects
- ♦ Conduct fruitful scientific work
- ♦ Structure the various philosophical contents that will become evident in daily work environments
- ♦ Develop a mental structure and appropriate conceptual frameworks that structure philosophical criteria rooted in Christian tradition, including principles, methods and contents
- ♦ Shape students' specific identity as Christian thinkers





## Specific Objectives

---

- ♦ Systematically expose the main concepts of formal logic
- ♦ Demonstrate a practical mastery of the main characteristics of the art of reasoning
- ♦ Be able to analyze discourse structures
- ♦ Be capable of solving exercises of logical analysis techniques: syllogisms, rules of inference, dilemmas, provisional assumptions, truth tables and truth trees
- ♦ Perform analysis and synthesis, seeking clarity of thought, rigorous and reasoned discussion, and critical reflection



*The profile of the humanistic professional has reached the highest levels of professionalism. Activate your competence growth and don't get left behind"*

# 03

## Structure and Content

This complete academic package will lead the student to the acquisition of the most comprehensive knowledge in this subject, bringing them closer to excellence in the humanistic field. The syllabus has been designed to meet the criteria of high academic impact of this Postgraduate Certificate, and incorporates new teaching approaches that aim to maintain motivation and interest, which are essential to achieving the learning objectives. A high-quality teaching model that differentiates TECH Technological University.





“

*A complete program that will give you the theoretical knowledge and practical skills that will allow you to apply what you have learned to your job immediately”*

## Module 1. Logic

- 1.1. Introduction
  - 1.1.1. Common Sense and Logic
  - 1.1.2. The Nature of Logic
  - 1.1.3. Brief History of Logic
- 1.2. Formal Logic
  - 1.2.1. Treatise on Preachability: Concept and Term
    - 1.2.1.1. Concept and Term
  - 1.2.2. Treatise on Preaching
    - 1.2.2.1. Judgment and Proposition
  - 1.2.3. Treatise on Inference
    - 1.2.3.1. Reasoning and Argumentation
- 1.3. Symbolic Logic
  - 1.3.1. Logical Semiotics
  - 1.3.2. Logical Syntax
  - 1.3.3. Logical Semantics
  - 1.3.4. Propositional Function
  - 1.3.5. Parts of Symbolic Logic
  - 1.3.6. Logic of Propositions
  - 1.3.7. Logic of Terms
  - 1.3.8. History and Culture
  - 1.3.9. Religion and Culture





“

*The most intensive and complete  
Postgraduate Certificate in Logic  
in the online teaching market"*

04

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





“

*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

“

*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world”*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



*The student will learn to solve complex situations in real business environments through collaborative activities and real cases.*

### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

The case method has been the most widely used learning system among the world's leading Humanities schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*In 2019, we obtained the best learning results of all online universities in the world.*

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.



In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.*

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



This program offers the best educational material, prepared with professionals in mind:



#### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



#### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



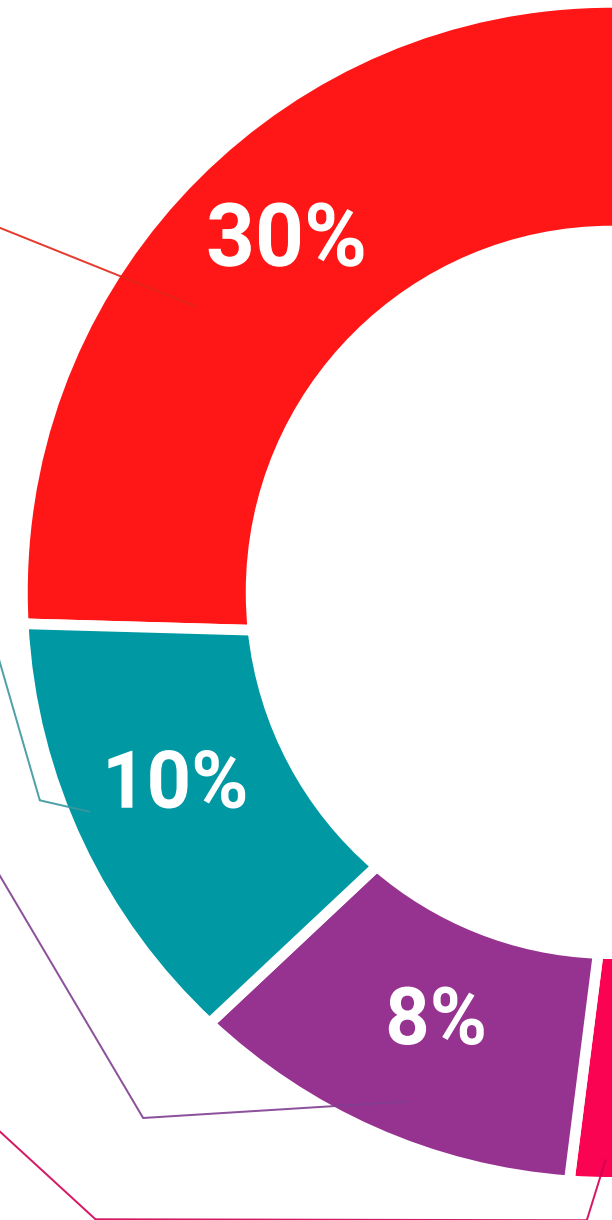
#### Practising Skills and Abilities

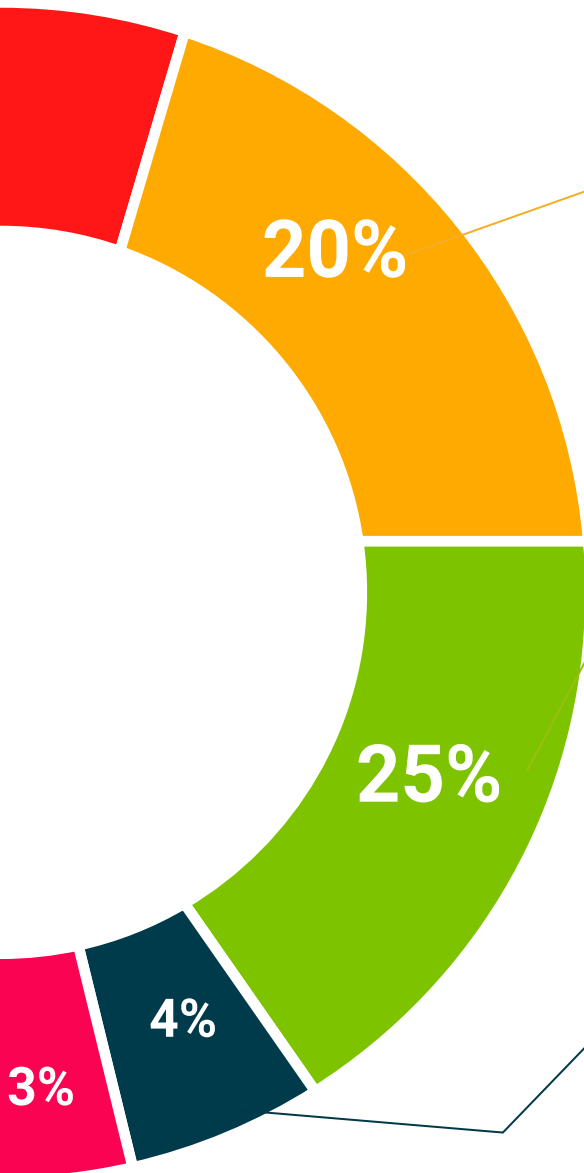
They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



#### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



# 05

# Certificate

The Postgraduate Certificate in Logic guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





“

*Successfully complete this program and receive your university qualification without travel or laborious paperwork”*

This **Postgraduate Certificate in Logic** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Logic**

Official N° of Hours: **125 h.**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom



## Postgraduate Certificate Logic

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Schedule: at your own pace
- » Exams: online

# Postgraduate Certificate Logic

