

# Postgraduate Certificate Environmental Auditing





## Postgraduate Certificate Environmental Auditing

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

Website: [www.techtitute.com/us/engineering/postgraduate-certificate/environmental-auditing](http://www.techtitute.com/us/engineering/postgraduate-certificate/environmental-auditing)

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# 01

# Introduction

The serious repercussions of human activity on the environment have led to a search for a balance between socioeconomic needs and care for the environment. Thus, there is currently a society that is much more aware of respect for nature and more and more companies are adopting corrective measures or preventing its affectation. In this scenario, it is essential for entities to have Engineering professionals with the precise knowledge for pollution prevention, the application of technical solutions or the analysis of environmental problems. Faced with this reality, TECH has created this 100% online program, which offers you the most exhaustive knowledge about environmental management systems, auditor responsibilities or existing regulations. All this through innovative multimedia content that you can easily access from any device with an Internet connection.



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*A 100% online Postgraduate Certificate that provides you with the most advanced knowledge on preparing and passing an environmental audit”*

The damage caused to the environment by industrial sectors in recent years have made the general population value compliance with legislation in this regard by public and private entities. In addition, there are countless companies that have chosen to achieve the international standard 14001. This implies a real commitment to caring for the environment, which also requires Engineering professionals who, with their knowledge, provide technical solutions to reduce environmental impact or eliminate pollution.

Given the increased concern of society for respect for the environment, and the relevance of environmental audits throughout the life cycle of a project, TECH has designed this Postgraduate Certificate in Environmental Auditing taught exclusively online.

A program where, in just 6 weeks, the graduate will obtain the most relevant information on environmental management systems, audit protocols, the responsibilities of those involved, as well as the legal effects derived from non-compliance with the main measures required for protect and preserve the environment.

All this will be possible thanks to multimedia resources, which will take you in a much more dynamic way to delve into the planning and execution processes of an internal audit of SGM or the continuous improvement activities that every company must develop.

Engineering professionals have an excellent opportunity to advance in their field of work, thanks to a Postgraduate Certificate that they can take comfortably whenever and wherever they want. They only need an device with an Internet connection to be able to access, at any time, the syllabus hosted on the virtual platform. In addition, it offers the freedom of being able to to distribute the teaching load according to their needs, allowing them to combine their Personal responsibilities with an education that is at the academic forefront.

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

- ◆ The development of case studies presented by experts of Environmental Engineering
- ◆ 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
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions for the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*In 6 weeks you will get the most advanced and current information on the ISO 14001 standard and the requirements to obtain its certification”*

“

*Thanks to this university program you will learn about the current legal effects of non-compliance with responsibilities in an environmental audit”*

*Take another step in your professional career in the field of Engineering with this Postgraduate Certificate in Environmental Auditing.*

*Access whenever you want, from your Tablet or mobile with Internet connection to the library of multimedia resources.*

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education designed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.



# 02

# Objectives

This Postgraduate Certificate provides Engineering professionals with the technical resources and knowledge they need to be able to launch any project or initiative, taking into account the different phases, costs, risks and the actions necessary to comply with current environmental regulations. All this will be much easier thanks to the educational materials provided by experts in this field, who will also resolve any questions that may arise on the agenda during the course of this degree.





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*Get everything you need to properly  
plan and perform an internal  
environmental audit”*



## General Objectives

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- ◆ Define the key concepts of environmental auditing
- ◆ Identify and develop the most suitable resolution methods at any given time
- ◆ Solve formulated problem, with or without the aid of computer programs
- ◆ Interpret the result of the problem from the point of view of environmental auditing





## Specific Objectives

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- ◆ Know the different tools related to environmental auditing
- ◆ Identify the auditing tools necessary for the resolution of the problems that arise
- ◆ Express in precise terms the problem to be solved



*Enroll in a Postgraduate Certificate that will allow you to know the necessary keys to solve any problem detected in an environmental audit”*

# 03

## Structure and Content

The ISO 14001 standard is currently so relevant in the field of environmental auditing that the professional who immerses himself in this Diploma will delve into it from the beginning. Thus, through video summaries, videos in detail or essential readings, the graduate will know the most relevant details of this model, the general principles of Environmental Auditing, the responsibilities, the development of an audit record until reaching the keys for the correct implementation of an EMS audit program. Likewise, the case studies, provided by the specialist team that make up this degree, will be of great use and practical application.

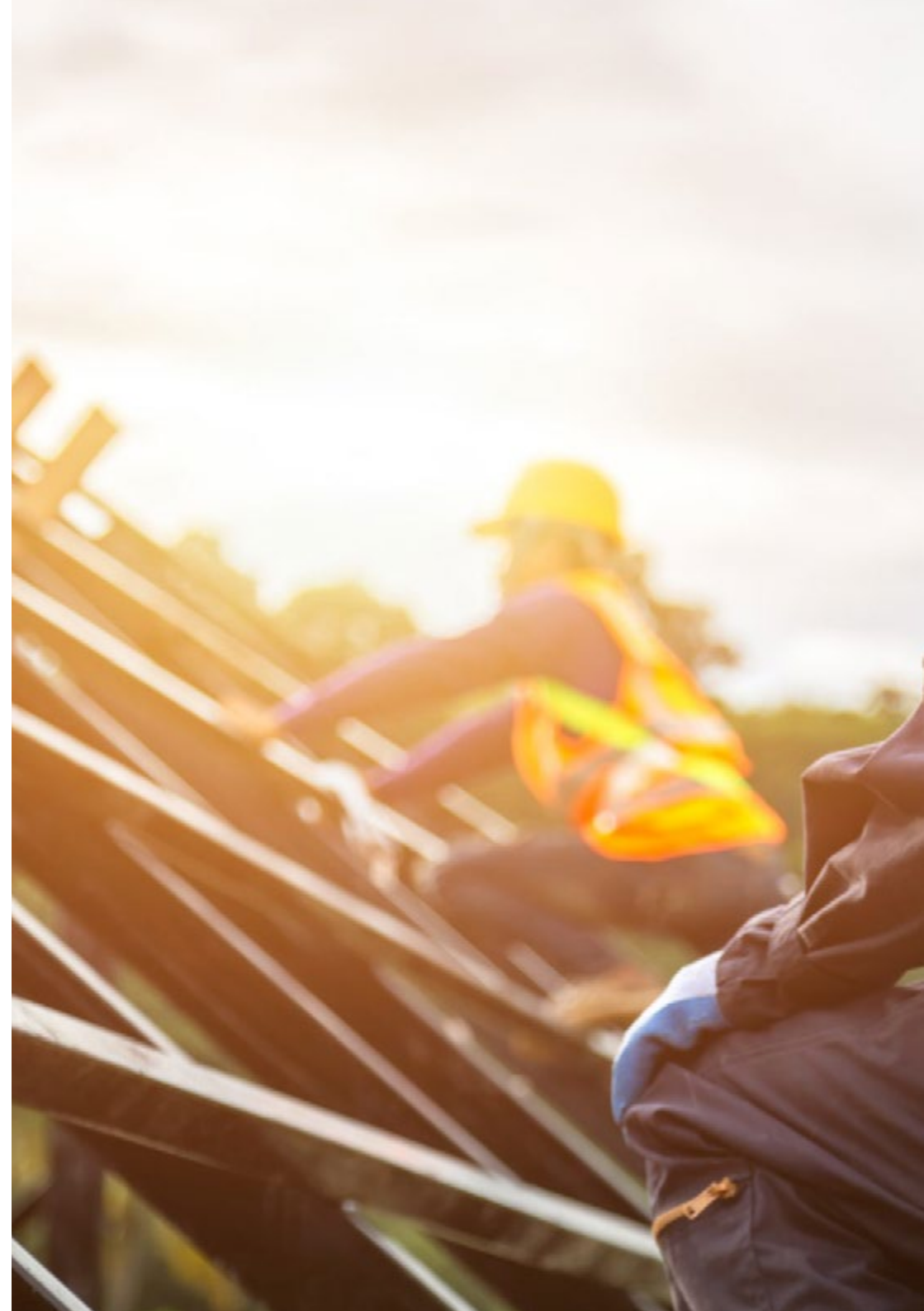


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*With TECH you reduce the long hours of study thanks to the use of the Relearning method. Sign up now” Enroll now”*

## Module 1. Environmental Auditing

- 1.1. Introduction to ISO-14001
  - 1.1.1. What Is ISO 14001?
  - 1.1.2. ISO 14001 Model
  - 1.1.3. Description of ISO 14000 Standards
- 1.2. Environmental Management Systems Auditing
  - 1.2.1. The Audit Process
  - 1.2.2. General Principles of Environmental Auditing
  - 1.2.3. Elements of an Audit Protocol
  - 1.2.4. Requirements for Establishing and Implementing an Audit Program
  - 1.2.5. Non-compliance with ISO 14001
  - 1.2.6. EMS Audit and Compliance Audit: Relationship
- 1.3. Responsibilities in an EMS Audit
  - 1.3.1. Auditor's Responsibilities
  - 1.3.2. Responsibility of the Auditee
  - 1.3.3. Failure to Comply with Responsibilities Legal Effects
- 1.4. Guidance for Planning and Conducting an Internal EMS Audit
  - 1.4.1. EMS Internal Audit Program and Procedures
  - 1.4.2. Conducting an Internal EMS Audit
  - 1.4.3. Objectives and Instructions
  - 1.4.4. Environmental Management Program
  - 1.4.5. Structure and Responsibility Training, Knowledge and Competence
  - 1.4.6. Communication EMS Documentation
  - 1.4.7. Documentary Control Operations Control
  - 1.4.8. Emergency Preparation and Response
  - 1.4.9. Monitoring and Measurement. Non-Conformity, Preventive and Corrective Action
  - 1.4.10. Records EMS Audit Management Review Exercises





- 1.5. Development of Registration Audit
  - 1.5.1. The Process Maintenance Registrar
  - 1.5.2. Preparation of the Registration Audit Self-Declaration
- 1.6. Value of ISO 14001
  - 1.6.1. Benefits of Implementing ISO 14001 in a Company
  - 1.6.2. Benefits of a Company's Registration to ISO 14001
  - 1.6.3. Continuous Improvement Activities
- 1.7. Keys to the Correct Implementation of an EMS Audit Program
  - 1.7.1. Necessary Elements of an Effective and Efficient Audit Program

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*Thanks to this Postgraduate Certificate you will be able to carry out an effective and efficient audit program. Enroll now”*

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.







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*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.

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*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 is the most widely used learning system in the best faculties in the world. 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 that you are presented with 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.

This methodology has 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, and financial markets and 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 Environmental Auditing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





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

This program will allow you to obtain your **Postgraduate Certificate in Environmental Auditing** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Environmental Auditing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University 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



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