Postgraduate Certificate
Territorial Planning and Landscape Restoration

tech technological university

Postgraduate Certificate
Territorial Planning and Landscape Restoration

» Modality: **online**
» Duration: **12 weeks**
» Certificate: **TECH Technological University**
» Dedication: **16h/week**
» Schedule: **at your own pace**
» Exams: **online**

Website: **www.techtitute.com/in/engineering/postgraduate-certificate/territorial-planning-landscape-restoration**

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01
Introduction

One of the main current tasks of Engineering professionals is to launch projects that favor the recovery of environments that have been affected by the effects of pollution. An arduous task that requires extensive knowledge on how to order the territory for its conservation. That is why this program has been designed, offering graduates the most recent information on existing regulations in the field of territorial planning, Environmental Impact Assessment or the assessment of the visual fragility of the landscape. All this through a 100% online format and innovative teaching resources prepared by specialists in this field.

"

Enroll now in a university program that will allow you to take another step in a sector that demands qualified engineers to develop landscape restoration projects"

The serious damage caused by the different productive sectors to the environment have led to the development of different environmental policies, whose main purpose is the prevention and reduction of water, soil or air pollution. In addition, within these actions is the recovery of the environment itself, which in turn requires projects and initiatives carried out by highly qualified professionals with a greater sensitivity to the environment.

In this scenario, the Engineering professional has a wide range of possibilities to deploy their full potential in companies dedicated to carrying out this type of action or to carry out their work in entities, where land use planning must be taken into account. and the environmental impact. A propitious panorama to be able to prosper through the appropriate knowledge. That is why TECH has prepared this Postgraduate Certificate in Territorial Planning and Landscape Restoration taught exclusively online.

A program, where students will be able to delve into the factors that influence landscape diversity, the existing environmental problems, the different restoration methods used today, as well as the challenges for caring for the environment, over 6 weeks. Likewise, the multimedia educational resources provided in this program will lead you to delve into the current legal framework on territorial planning or the characteristics of the Environmental Impact Assessment (EIA).

Engineering professionals have before them an excellent opportunity to comfortably study a university program, whenever and wherever they wish. You only need a computer, mobile phone or tablet with an Internet connection to be able to view the agenda hosted on the Virtual Campus. In addition, this educational institution uses the *Relearning,*method, with which you can advance in a more natural and agile way, through the content of this program.

This **Postgraduate Certificate in Territorial Planning and Landscape Restoration** 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 of the book provide technical and practical information on those 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

No attendance, no classes with fixed schedules. TECH has thought of you and has prepared a Postgraduate Certificate compatible with your professional responsibilities"

"Thanks to this Postgraduate Certificate you will be aware of the different techniques used to solve environmental problems that affect landscape fragility"
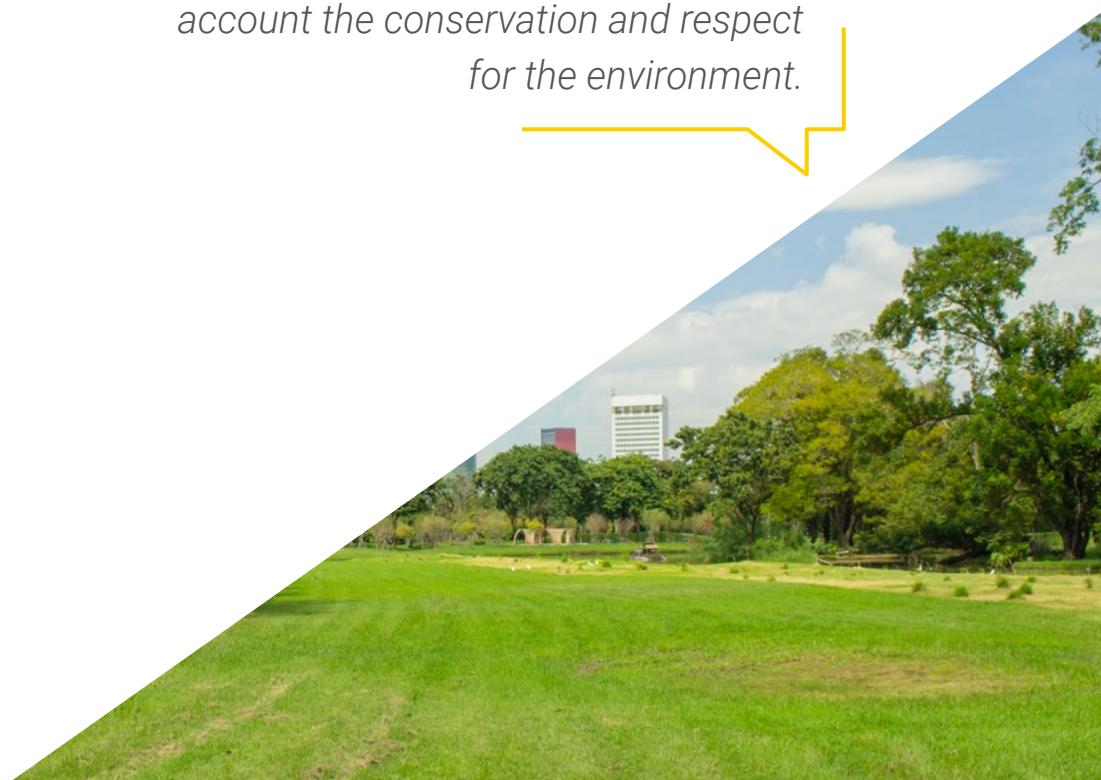
You have a library of educational resources available 24 hours a day, so that you can delve into the characteristics of the Environmental Impact Assessment whenever you want.

With the learning acquired in this program you will be able to create engineering projects that take into account the conservation and respect for the environment.

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.

Objectives

This Postgraduate Certificate is designed so that students acquire the essential learning to be able to progress in the field of Environmental Engineering. For this, an advanced and exhaustive content has been prepared with which you will be able to evaluate the landscape in parameters of quality, fragility and usability, create projects that take into account the environment, as well as the existing legal framework in territorial planning. The case studies prepared ad hoc by experts in this field will be very useful and the methods used can be integrated into their daily practice.

This university program will show you the techniques most used today for the analysis and diagnosis of the territorial system"

General Objectives

- Understand the methods of environmental analysis used to assess, conserve and manage natural resources
- Identify the organizational levels of nature, from individual specimens to the whole ecosystem
- Become familiar with the history of territorial planning from antiquity to present day, its different phases - pre-industrial, industrial and post-industrial - and the importance of the natural environment in this planning
- Learn how to evaluate the landscape in terms of quality, fragility and capacity of use according to its characteristics and using different techniques

You are before a Postgraduate Certificate that will allow you to know all the phases for the elaboration of a land use plan"

Specific Objectives

- Present the concept of landscape in its different dimensions and its treatment in the regulatory context
- Understand the system underlying the landscape and the factors that determine the different types of landscape
- Understand the spatial dimension of landscape phenomena at different scales
- Define and characterize the different types of landscapes
- Know the conceptualization and theoretical bases on which land use planning, models, plans, justifications, etc. are based
- Distinguish the evolution of land-use plans since they began to be systematically developed in the 20th century, up to present day
- Become familiar with the European legislation that regulates everything involved in spatial planning
- Know how to value natural resources, their management and conservation, when formulating policies, regulations, plans and development programs

03
Structure and Content

In just 6 weeks, the students who take this university program will obtain the most exhaustive and current knowledge on Territorial Planning and landscape restoration. For this, TECH makes the most innovative educational material.available to the graduate Thus, through video summaries of each topic, videos in detail, diagrams or complementary readings, the professional will be able to delve into the diagnosis and methods of landscape restoration. In addition, it will cover the evolution of land use planning, its planning and existing legal regulations.

"

A syllabus with a theoretical-practical approach that will allow you to be aware of the GIS tools used to assess the environment"

Module 1. Landscape Diagnosis and Restoration

1.1. Landscape Concept and Method
    1.1.1. Conceptual Background and Current Dimensions of Landscape
    1.1.2. Landscape: Conservation and Land Use Planning
    1.1.3. Objectives and Methods of Work in Landscape: Types of Analysis
1.2. Landscape Analysis
    1.2.1. Landscape Diversity Factors
    1.2.2. Landscape Units
    1.2.3. Landscape Delimitation
1.3. Landscape Classification
    1.3.1. Natural Landscape
    1.3.2. Cultural Landscape
    1.3.3. Rural Landscape
    1.3.4. Urban Landscape
1.4. Landscape Structure
    1.4.1. Landscape Elements
    1.4.2. Landscape Coverage
    1.4.3. Landscape Geoform
1.5. Landscape Dynamics
    1.5.1. Landscape Changes and Evolution
    1.5.2. Natural Changes and Ecological Sequences
    1.5.3. Environmental Problems in Landscape Dynamics
1.6. Landscape Diagnosis
    1.6.1. Landscape Environmental Assessment
    1.6.2. Environmental Problems
    1.6.3. Solutions to Landscape Environmental Impact
1.7. Assessment of Visual Fragility
    1.7.1. Definition of the Concept of Fragility
    1.7.2. Elements Influencing Visual Fragility
    1.7.3. Use of Tools in the Assessment of Visual Fragility The Use of GIS
1.8. Landscape Capacity
    1.8.1. Concept of Capacity
    1.8.2. Landscape Capacity to Buffer Environmental Impact
    1.8.3. Landscaping Development
1.9. Fragility in Management
    1.9.1. Concept of Fragility
    1.9.2. Environmental Fragility of the Landscape
    1.9.3. Environmental Problems Affecting Fragility
1.10. Environmental Impact of Landscape
    1.10.1. Consequences of Environmental Problems
    1.10.2. Landscape Restoration Methods
    1.10.3. Landscape Care in the Future

Module 2. Spacial Planning and Environment

2.1. Historical Precedents of Spatial Planning
    2.1.1. The Dawn of Civilization
    2.1.2. Formal Organization of Civilization
    2.1.3. Current Situation
2.2. Legal and Conceptual Framework
    2.2.1. Territorial System
    2.2.2. Territorial Model
    2.2.3. Evolution of the Territorial Model

This program will take you to know in depth the methodology used to prepare a territorial planning plan"

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 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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

30%

10%

8%

20%

25%

4%

3%

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 Territorial Planning and Landscape Restoration 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 having to travel or fill out laborious paperwork"

This Postgraduate Certificate in **Territorial Planning and Landscape Restoration** 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 certificate 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 Territorial Planning and Landscape Restoration**

Official Nº of hours: **300 h.**

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Awards the following
CERTIFICATE
to

Mr./Ms. _____ with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Territorial Planning and Landscape Restoration

This is a qualification awarded by this University, equivalent to 300 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

Unique TECH Code: AFWOR023S   techtitute.com/certificates

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

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