

# Postgraduate Certificate Hazardous Waste





## Postgraduate Certificate Hazardous Waste

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/engineering/postgraduate-certificate/hazardous-waste](http://www.techtute.com/us/engineering/postgraduate-certificate/hazardous-waste)

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01

# Introduction

Hazardous wastes can become pollutants for the environment and harmful to humans, so it is essential to have appropriate management processes in place, as in many cases they cannot be recycled. With this course we give you the opportunity to train with the best specialists and to acquire the necessary skills to develop your profession in this field, in accordance with the highest quality standards.







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*We offer you a comprehensive and multidisciplinary course that will allow you to excel in your career, in a comfortable and uncomplicated way"*

The intensity with which our society's production processes are carried out is linked to the generation of waste that must be treated afterwards. According to the INE (National Statistics Institute), the industrial sector is the largest generator of Hazardous Waste. For its part, the European Social Fund has as one of its priority objectives the protection and improvement of the environment, which is why it seeks to integrate it into all the activities of the member states.

To achieve this objective, it is essential to have a thorough knowledge of each of the productive sectors and activities, as well as of the waste that may be generated by them. The large number of productive activities and processes associated with them requires a synthetic approach, which makes it possible to homogenize and simplify key ideas.

For this reason, this course aims to analyze the waste generated according to the sector, allowing the student to acquire the necessary knowledge to develop waste management plans. In this way, during the course of the program, the peculiarities of each sector are studied in depth in a transversal manner: what waste is generated, how it is classified and what is the most appropriate final destination. This knowledge equips the student with the ability to carry out awareness-raising activities with workers in each of the sectors analyzed.

It should be noted that as this is a 100% online course, the student is not conditioned by fixed schedules or the need to move to another physical location, but can access the contents at any time of the day, balancing their work or personal life with their academic life.

This **Postgraduate Certificate in Hazardous Waste** contains the most complete and up to date educational program on the market.

The most important features of the program include:

- » The development of case studies presented by Hazardous Waste experts.
- » The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice.
- » Practical exercises where the self-assessment process can be carried out to improve learning
- » Special emphasis on innovative methodologies in Hazardous Waste management.
- » Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- » The availability of access to the contents from any fixed or portable device with internet connection.



*Do not miss the opportunity to take this Hazardous Waste Course with us. It's the perfect opportunity to advance your career"*

“ *This Postgraduate Certificate is the best investment you can make in selecting a refresher program to bring your Hazardous Waste knowledge up to date*”

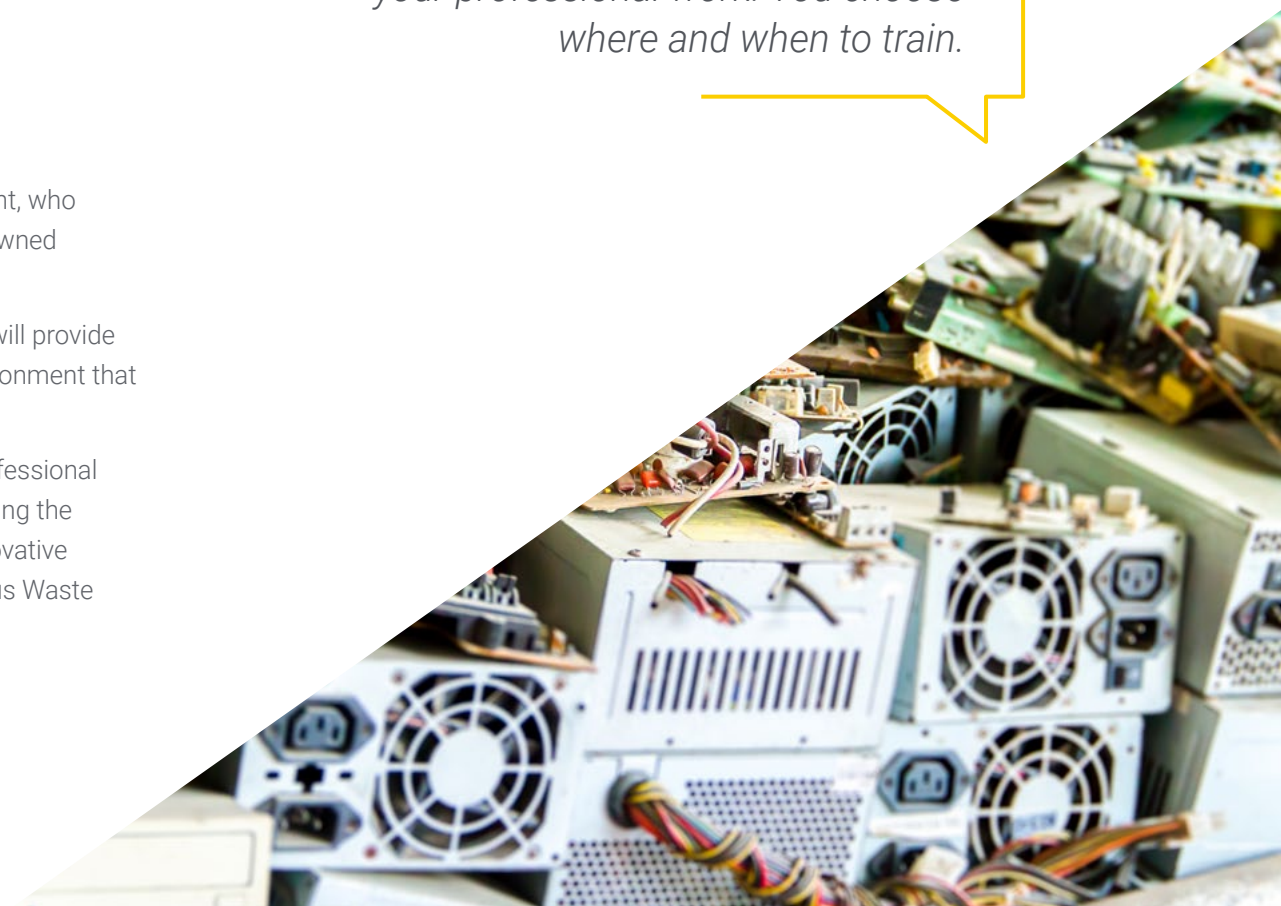
*This training comes with the best didactic material, providing you with a contextual approach that will facilitate your learning.*

*This 100% online course will allow you to combine your studies with your professional work. You choose where and when to train.*

Its teaching staff includes professionals from the field of waste management, who contribute their work experience to this training program, in addition to renowned specialists from leading companies and prestigious universities.

The 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 immersive training programmed to train in real situations.

This program is designed around Problem Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the professional will be assisted by an innovative interactive video system developed by renowned and experienced Hazardous Waste experts.





# 02

# Objectives

This Postgraduate Certificate in Hazardous Waste is oriented to facilitate the professional's performance so that he/she can acquire and know the main innovations in this field. to acquire and know the main advances in this field.







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*Our goal is to make you the best professional in your sector. And for this we have the best methodology and content”*



### General Objective

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- » Know the types of Hazardous Waste generated depending on sector, and the existing recovery options, providing the student with the ability to develop waste management plans and to carry out environmental awareness activities in different sectors.



*Take the step to get up to date on the latest developments in Hazardous Waste"*





## Specific Objectives

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- » In-depth breakdown of the obligations of waste producers according to their sector
- » Analyze the type of waste generated by different activities.
- » Acquire transversal skills necessary for work performance in the new cultural frameworks of the current productive system.
- » Know how to manage waste, mainly hazardous waste, applying the regulations that govern them.
- » Further develop the valorization methods
- » Develop environmental awareness activities



03

# Course Management

In our university we have professionals specialized in each area of knowledge, who bring their work experience to our training courses.





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*In our university work the best professionals in all areas who share their knowledge to help you"*

## Management



### Mr. Nieto-Sandoval González Nicolás, David

- ♦ Industrial Technical Engineer by the E.U.P. of Málaga.
- ♦ Industrial Engineer by E.T.S.I.I.
- ♦ Master's Degree in Integral Management of Quality, Environment and Health and Safety at Work from the University of the Balearic Islands
- ♦ Working for more than 11 years as a consultant in engineering, project management, energy saving and circularity in organizations, he has been working both for companies and on his own account for clients in the private agri-food industry and the institutional sector for more than 11 years.
- ♦ Professor certified by the EOI in the areas of Industry, Entrepreneurship, Human Resources, Energy, New Technologies, and Technological Innovation.
- ♦ Trainer of the European INDUCE project
- ♦ Trainer in institutions such as COGITI and COIIM.



## Professors

### Mr. Titos Lombardo, Ignacio

- » Degree in Environmental Sciences from the University of Castilla-La Mancha.
- » Master's Degree in Integrated Quality and Environmental Management
- » Senior Technician in Occupational Risk Prevention.
- » Partner-Consultant of Implantación Integral de Sistemas de Calidad, S.L., a consulting firm created in 1998 and specialized in the development of quality, environmental and prevention consulting and auditing projects and in advising local corporations on environmental matters.
- » The company has been in business for more than 12 years, advising and auditing companies in a wide variety of sectors such as waste, water, food, industrial transportation, renewable energy, etc.
- » Teacher of Certificates of Professionalism
- » Currently, the administrator of Imsica Formación, S.L., an entity specialized in the in-company training of its clients.
- » Teacher of the Recicla2 Project for the promotion of waste management and recycling and the creation of green companies.



04

# Structure and Content

The structure of the contents has been designed by the best professionals in the waste management sector, with extensive experience and recognized prestige in the profession.







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*We have the most complete and up-to-date academic program in the market. We strive for excellence and for you to achieve it too"*



## Module 1. Hazardous Waste

- 1.1. Agriculture and Livestock
  - 1.1.1. Agricultural Waste
  - 1.1.2. Types of Agricultural Waste
  - 1.1.3. Types of Livestock Waste
  - 1.1.4. Valorization of Agricultural Waste
  - 1.1.5. Valorization of Livestock Waste
- 1.2. Commercial, Office and Related Activities
  - 1.2.1. Commercial, Office and Related Waste
  - 1.2.2. Types of Commercial, Office and Related Waste
  - 1.2.3. Valorization of Commercial, Office and Related Wastes
- 1.3. Construction and Civil Engineering
  - 1.3.1. Construction and Demolition Waste (CDW)
  - 1.3.2. Types of CDW waste
  - 1.3.3. Recovery of CDW
- 1.4. Integrated Water Cycle
  - 1.4.1. Waste Integral Water Cycle
  - 1.4.2. Types of Waste Integral Water Cycle
  - 1.4.3. Valorization of Integral Water Cycle Waste
- 1.5. Chemical and Plastics Industry
  - 1.5.1. Chemical and Plastics Industry Waste
  - 1.5.2. Types of Chemical and Plastics Industry Waste
  - 1.5.3. Valorization of Chemical and Plastics Industry Waste



- 1.6. Metal-mechanical Industry
  - 1.6.1. Metal-mechanical Industry Waste
  - 1.6.2. Types of Metal-mechanical Industry Waste
  - 1.6.3. Valorization of Metal-mechanical Industry Waste
- 1.7. Healthcare
  - 1.7.1. Healthcare Waste
  - 1.7.2. Types of Healthcare Waste
  - 1.7.3. Recovery of Healthcare Waste
- 1.8. IT and Telecommunications
  - 1.8.1. IT and Telecommunications Waste
  - 1.8.2. Types of IT and Telecommunications Waste
  - 1.8.3. Valorization of IT and Telecommunications Waste
- 1.9. Energy Industry
  - 1.9.1. Energy Industry Waste
  - 1.9.2. Types of Energy Industry Waste
  - 1.9.3. Valorization of Waste from the Energy Industry
- 1.10. Transport
  - 1.10.1. Transportation Waste
  - 1.10.2. Types of Transportation Waste
  - 1.10.3. Valorization of Transport Waste



*This training will allow you to advance in your career in a comfortable way"*

05

# Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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"*

### At TECH we use the Case Method

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

“

*With TECH you can experience a way of learning that is shaking the foundations of traditional universities around the world”*



*We are the first online university to combine Harvard Business School case studies with a 100% online learning system based on repetition.*



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

### **A learning method that is different and innovative.**

This Hazardous Waste course is an intensive program that prepares you to face all the challenges in this field, both nationally and internationally. We are committed to promoting your personal and professional growth, the best way to strive for success, that is why at TECH Technological University you will use Harvard case studies, with which we have a strategic agreement that allows us to offer you material from the best university in the world.



*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 business 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.

In a given situation, what would you do? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the course, you will be presented with multiple real cases. You will have to combine all your knowledge, and research, argue, and defend your ideas and decisions.



## Re-learning Methodology

Our University is the first in the world to combine Harvard University case studies with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance Harvard case studies with the best 100% online teaching method: Re-learning.

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

At TECH you will learn with an innovative methodology designed to train the managers of the future. This method, at the forefront of international teaching, is called Re-learning.

Our University is the only one in Spanish-speaking countries licensed to incorporate 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 Spanish online university indicators.



In our program, learning is not a linear process, but rather a spiral (we 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.

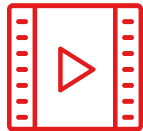
*Re-learning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

Based on the latest evidence in neuroscience, not only do we know how to organize information, ideas, images, memories, but we also know that the place and context where we have learned something is crucial for us to be able to remember it and store it in the hippocampus, and 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.



In this program you will have access to the best educational material, prepared with you 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 really specific and precise.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



### Classes

There is scientific evidence on the usefulness of third-party expert observation.

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



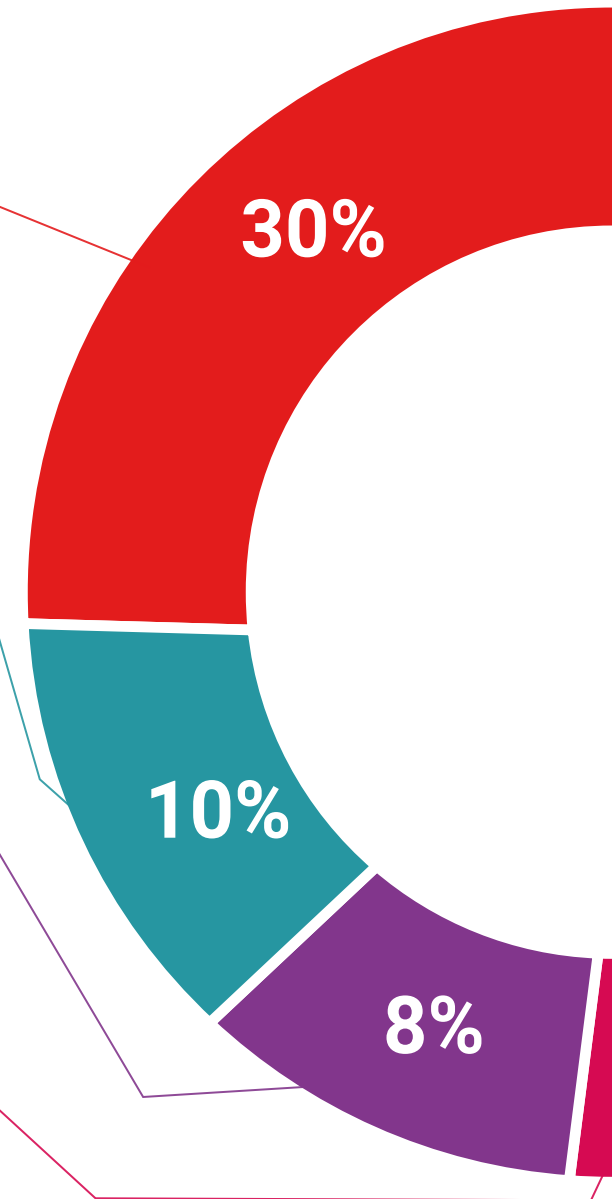
### Practising Skills and Abilities

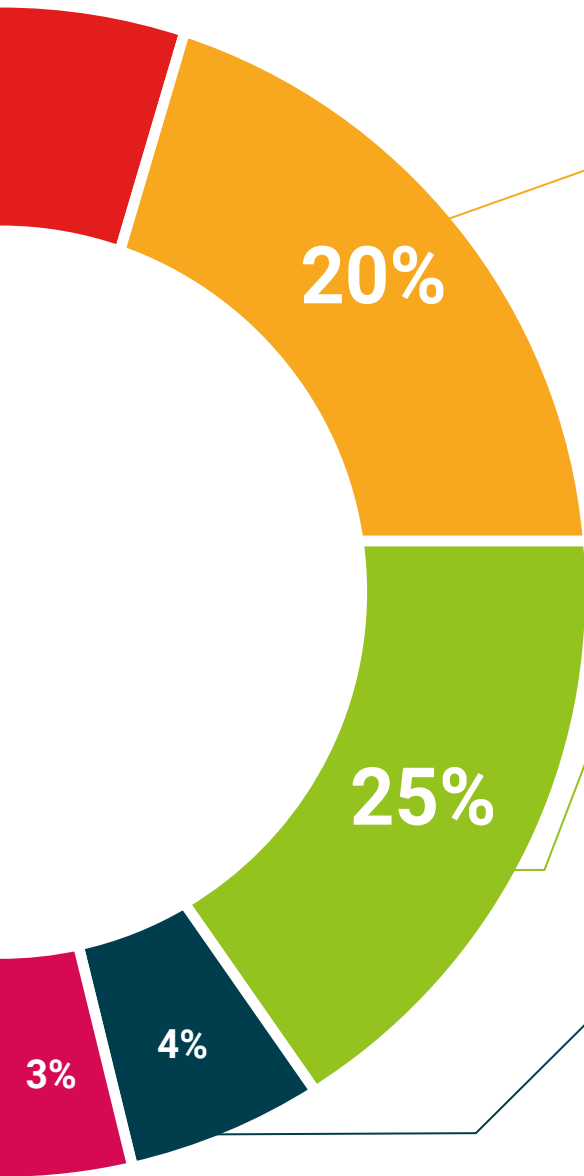
You will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization we live in.



### Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





#### Case Studies

You will complete a selection of the best case studies in the field used at Harvard. Cases that are presented, analyzed, and supervised by the best senior management specialists in Latin America.



#### Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story"



#### Testing & Re-Testing

We periodically evaluate and re-evaluate your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.





06

# Certificate

Through a different and stimulating learning experience, you will be able to achieve the necessary competencies to take a big step forward in your training. An opportunity to progress, with the support and monitoring of a modern and specialized university that will project you to another professional level.



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*Include in your training a this Postgraduate Certificate in Hazardous Waste qualification: a high added value qualification for any professional in this area"*

This **Postgraduate Certificate in Hazardous Waste** contains the most complete and up to date scientific program on the market.

After the student has passed the evaluations, they will receive their corresponding Postgraduate Certificate issued by **TECH Technological University**.

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

Title: **Postgraduate Certificate in Hazardous Waste**

ECTS: **6**

Official Number of Hours: **150**



\*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

**tech** technological  
university

personalized service innovation

knowledge present quality

online training

development language

classroom

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