

# Postgraduate Certificate Instrumentation for Musical Teaching



## Postgraduate Certificate Instrumentation for Musical Teaching

- » Modality: online
- » Duration: 2 months
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/education/postgraduate-certificate/instrumentation-musical-teaching](http://www.techtute.com/us/education/postgraduate-certificate/instrumentation-musical-teaching)

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01

# Introduction

Music is one of the most enriching expressions of the human being, since, through it, it can transmit sensations and emotions that other languages or codes are unable to do. Through music, we not only communicate, but we are also able to acquire values and attitudes or learn to channel feelings in different situations of our lives.



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*This Postgraduate Certificate in Instrumentation for Musical Teaching generates a sense of security in the performance of your profession, which will help you to grow personally and professionally"*

Therefore, the teaching of music should not only be relegated to a matter of content acquisition, but it is necessary to train and specialize the teacher in each and every one of the dimensions involved in musical learning.

This educational action makes professionals in this field increase their ability to succeed, which results in a better practice and performance that will have a direct impact on students, in the improvement of the subject of music and in the general benefit for the whole society.

Because it offers a comprehensive vision of musical learning in all its dimensions, providing tools, experiences and advances in this field, which have also been guaranteed by the teachers of the educational action. Thus, the student will learn based on professional experience and pedagogy, making the student's training more efficient and precise.

In addition, it is necessary to highlight that, although there is specialization on music didactics, there is no program that offers a multidimensional approach to musical learning, studying not only elements related to the content, but also giving importance to the figure of the learner, to their educational, personal, social and intellectual characteristics and needs.

The different modules are taught in sessions, following an eminently practical approach, with the necessary theoretical support for each. All TECH Postgraduate Diploma teachers have extensive experience working with people of all ages and diverse socio-familial and educational contexts. In addition, it should be taken into account that musical learning is approached integrating the educational, personal and social-group vision.

In addition to training students in Instrumentation for Musical Teaching and in the educational environment, it will also facilitate their insertion in the labor market, due to the great demand for this type of specialized professionals within the formal educational system, as well as in the non-formal sector (private music schools or musical groups). For students who are already in the working world, it will allow them to better position themselves professionally and increase their chances of promotion and recognition.

This **Postgraduate Certificate in Instrumentation for Musical Teaching** is the most comprehensive and up-to-date educational program on the market. The most important features of the program include:

- ♦ Development of more than 75 case studies presented by experts in instrumentation for music education. 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.
- ♦ Novelties on screening and intervention in instrumentation for music education
- ♦ It contains practical exercises where the self-evaluation 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
- ♦ With special emphasis on evidence-based methodologies in Instrumentation for Musical Teaching
- ♦ 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 accessible from any fixed or portable device with an Internet connection



*Update your knowledge through the Postgraduate Certificate in Instrumentation for Musical Teaching"*



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*This Postgraduate Certificate may be the best investment you can make when choosing a refresher program, for two reasons: in addition to updating your knowledge in Instrumentation for Musical Teaching you will obtain a qualification from the largest digital university of the world, TECH"*

The teaching staff includes professionals in instrumentation for music education, who bring their experience to this training program, as well as renowned specialists belonging to leading societies 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 program 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 course. For this purpose, the psychologist will be assisted by an innovative interactive video system created by renowned and experienced experts in the field of Instrumentation for Music Teaching with extensive teaching experience.

*Increase your decision-making confidence by updating your knowledge through this Postgraduate Certificate*

*Take the opportunity to learn about the latest advances in Instrumentation for Music Teaching and improve your students' education*



02

# Objectives

The Postgraduate Certificate in Music Instrumentation for Music Teaching is aimed at facilitating the performance of the professional dedicated to working with adolescents and/or guiding them in their professional future.







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*This Postgraduate Certificate is designed to help you update your knowledge of Instrumentation for Musical Teaching, with the use of the latest educational technology, to contribute with quality and security to the decision making and monitoring of your students"*



## General Objectives

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- Train the student to teach in the field of music
- Inform the student about the main characteristics of music education
- Show the student the main tools for working in the music classroom
- Train the student in the use of techniques and strategies for musical intervention in different environments: formal and out-of-school
- Develop in the student the capacity to elaborate their own Methodology and Work System based on prior successful models
- The student should be able to appreciate the multidimensionality of music education
- Consolidate innovation and the application of new technologies by students as a backbone and useful element in the educational process







## Specific Objectives

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- ♦ Challenge myths and false beliefs in music education
- ♦ Review the reference manuals and their applicability to the field of music education
- ♦ Understand musical creativity as a necessary tool for a person's integral development
- ♦ Identify successful educational experience based on the analysis of cases
- ♦ Learn about the musical intervention on the improvement of self-esteem and self-knowledge of the individual
- ♦ Analyze music as a tool for settling conflicts
- ♦ Learn the dimensions of learning music

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*Seize the opportunity and take the step to get up to date on the latest developments in music education”*

03

# Course Management

The program includes in its teaching staff renowned experts in Instrumentation for Musical Teaching, who contribute their work experience to this course. In addition, other specialists of recognized prestige participate in its design and elaboration, completing the program in an interdisciplinary manner.







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*Learn the latest advances in  
Instrumentation for Musical Teaching  
from leading professionals"*

## Management



### Villegas Puerto, Ana

- ◆ IES Gabriel y Galan
- ◆ Secondary education teacher







# 04

# Structure and Content

The structure of the contents has been designed by a team of professionals from the best education centers and universities in the country, who are aware of the relevance from up-to-date training to be able to intervene in the specialization and support of students with high capabilities, and are committed to quality teaching through new educational technologies.







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*This Postgraduate Certificate in Instrumentation for Musical Teaching is the most comprehensive and up-to-date educational program on the market”*

## Module 1. Instrumentation for Musical Teaching

- 1.1. Introduction
  - 1.1.1 Concept of Musical Instrument
    - 1.1.1.1. Definition
    - 1.1.1.2. Types of Musical Instruments
  - 1.1.2 Instrumentation Throughout History
    - 1.1.2.1. Historical Review
    - 1.1.2.2. The Instrument as an Artistic Item
  - 1.1.3. Instrumentation in the Classroom
    - 1.1.3.1. Acquiring Competences
    - 1.1.3.2. Developing Skills
- 1.2. What is Musical Instrumentation?
  - 1.2.1. Up to J.S. Bach
    - 1.2.1.1. Instrumentation Treaties
  - 1.2.2. After J.S. Bach
    - 1.2.2.1. Instrumentation Treaties
- 1.3. Aspects Specific to Instrumentation
  - 1.3.1. Musical Pitch and Timbre
    - 1.3.1.1. Instrument Tessituras
  - 1.3.2. Chords
    - 1.3.2.1. Construction
    - 1.3.2.2. Tonal Functions
- 1.4. Orff Instruments. Technical Knowledge of Instruments in the Music Classroom
  - 1.4.1. Laminae Instruments
    - 1.4.1.1. Family Features
  - 1.4.2. Small Percussion
    - 1.4.2.1. Membranophones
    - 1.4.2.2. Idiophones
    - 1.4.2.3. Shaken Instruments
- 1.5. Musical Instrumentation in String Instruments
  - 1.5.1. Dotted Rope
    - 1.5.1.1. The Guitar
  - 1.5.2. The Percussive Rope
    - 1.5.2.1. The Piano







- 1.6. Musical Instrumentation for the Recorder
  - 1.6.1. Types of Recorders
    - 1.6.1.1. Recorders in Folklore
    - 1.6.1.2. Recorder
- 1.7. Percussion Instruments in the Classroom
  - 1.7.1. The Orff Family
    - 1.7.1.1. Uses
    - 1.7.1.2. Correct Instrumental Playing Positions
  - 1.7.2. Small Percussion
    - 1.7.2.1. Playing Techniques
- 1.8. Instrumentation for Laminae
  - 1.8.1. Types of Drumsticks
    - 1.8.1.1. Uses
    - 1.8.1.2. Sonorities
  - 1.8.2. Use of Chords
    - 1.8.2.1. With 2 Drumsticks
    - 1.8.2.2. With 3 Drumsticks
  - 1.8.3. Melodic Function
    - 1.8.3.1. Introductory Exercises
    - 1.8.3.2. Attack Techniques and Expressiveness
- 1.9. Review of the Contents Covered.
  - 1.9.1. Adaptation of Classroom Instruments
  - 1.9.2. Important Factors in Classroom Didactics



*A unique, key, and decisive training experience to boost your professional development”*

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"*

## En TECH Education School empleamos el Método del caso

In a given situation, what would you do? Throughout the program, you will be presented with multiple simulated cases based on real situations, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant scientific evidence on the effectiveness of the method.

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



*It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions*

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*Did you know that this method was developed in 1912 at Harvard for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

**The effectiveness of the method is justified by four fundamental achievements:**

1. Educators who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process is solidly focused on practical skills that enable educators to better integrate knowledge into daily practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life teaching.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



## Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our University is the first in the world to combine case studies with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson; a real revolution with respect to simply studying and analyzing cases.



*Educators will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning*



At the forefront of world teaching, the Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

Using this methodology, we have trained more than 85,000 educators with unprecedented success in all specialties. Our teaching methodology is developed in a highly demanding environment, where the students have a strong socio-economic profile, and their average age is 43.5 years.

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

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.

The overall score obtained by our learning system is 8.01, according to the highest international standards.



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 specialist educators 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.



### Educational Techniques and Procedures on Video

We introduce you to the latest techniques, with the latest educational advances, and to the forefront of Education today. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



### Interactive Summaries

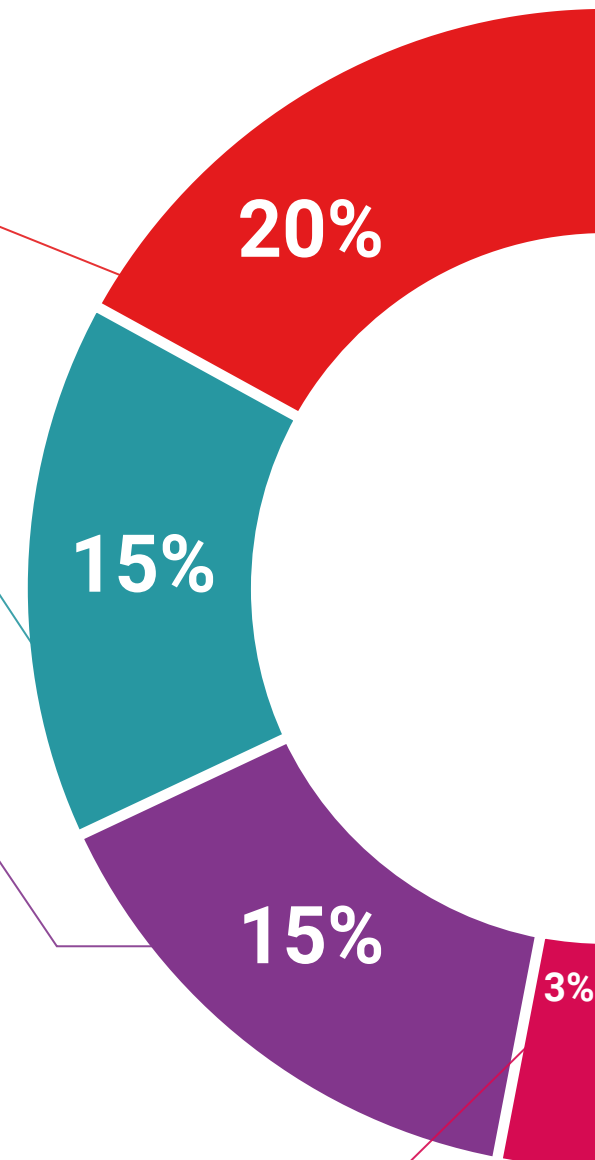
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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



### Additional Reading

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





**Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



**Testing & Retesting**

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.



**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 our future difficult decisions.



**Quick Action Guides**

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.





06

# Certificate

The Postgraduate Certificate in Instrumentation for Musical Teaching guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Certificate in Instrumentation for Musical Teaching** is the most comprehensive and up-to-date program on the market.

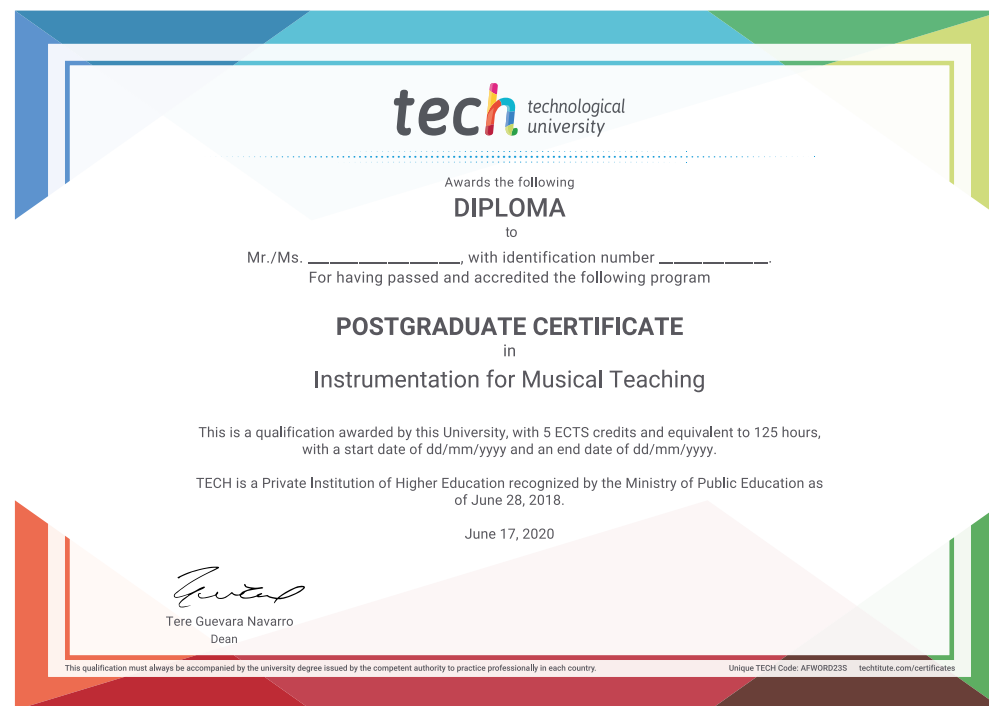
After passing the evaluations, the student will receive by mail with acknowledgment of receipt the corresponding **Postgraduate Certificate** issued by **TECH Technological University**.

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

Title: **Postgraduate Certificate in Instrumentation for Musical Teaching**

ECTS: **5**

Official Number of Hours: **125 hours**



future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present quality

online training

development languages

classroom

**tech** technological  
university

## Postgraduate Certificate Instrumentation for Musical Teaching

- › Modality: online
- › Duration: 2 months
- › Certificate: TECH Technological University
- › Dedication: 16h/week
- › Schedule: at your own pace
- › Exams: online



Postgraduate Certificate

Instrumentation for  
Musical Teaching

