Postgraduate Certificate
Android Device Tools

tech technological university

Postgraduate Certificate
Android Device Tools

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

Website: **www.techtitute.com/pk/information-technology/postgraduate-certificate/android-device-tools**

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01
Introduction

This program analyzes two very attractive aspects of Android systems. The application of this technology to the different needs of a company, and its implementation in different everyday devices. The professional will be able to learn about useful functionalities such as the monitoring of mobile devices regardless of the telephone operator. Or as innovative as drones with Android technology and the development of household appliances with built-in Internet. This program will open up a whole world of possibilities for its graduates to take connectivity to the next level.

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With this program you will learn the most useful features of Android technology. Helping you meet business needs you didn't even know about"

TECH has prepared a program with up-to-date information on the most important Android business management software: Mobile Device Management and Customer Relationship Management, as well as more general tools for the interaction between the company and the market.

Students will also be instructed on some of the most commonly used platform types on Android, such as banking, brokering, entertainment, and training platforms. Analyzing their advantages and disadvantages, the different functionalities and security issues.

Another of the strengths of this Postgraduate Certificate is the Internet of Things (IoT). A concept that has gained a lot of momentum in recent years, and will continue to do so in view of the technological advances that continue to occur. IoT is very present in the field of home automation, connecting home appliances to the internet through integrated devices. However, it is also used in other areas such as automotive.

We did not want to leave out of this Postgraduate Certificate an element that is key in the Android ecosystem: the comparison with iOS. Both operating systems are direct rivals, and, therefore, it is particularly interesting to observe which are the most downloaded applications in each one and their respective features.

All this information is presented online, accessible in its entirety from the very first moment and without timetables. Therefore, the student is the one who establishes the times, facilitating the conciliation with the rest of the areas of their personal and professional life.

This **Postgraduate Certificate in Android Device Tools** contains the most complete and up-to-date educational program on the market. Its most notable features are:

- Practical cases presented by experts in Android Device Tools
- 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 the self-assessment process can be carried out to improve learning
- Its special emphasis on innovative methodologies
- 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

Do you know MDM and CRM? Our syllabus reviews the most useful Android software to manage your business and your customers"

More and more elements of our daily lives are connected to the Internet. In this program you will learn how they work and how to use them"

Work on the efficiency of Android processes with the most appropriate tools and through the study of real cases.

Learn first-hand, thanks to this Postgraduate Certificate, about the most suitable platforms to work with IoT.

The program's teaching staff includes professionals in the sector who contribute their work experience to this training program, as well as renowned specialists from 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 knowledge programmed to learn 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 throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

The analysis of Android tools of this Postgraduate Certificate has an eminently business focus. The creation of applications is closely related to business opening to interactive environments. Graduates will acquire the most advanced notions of business management, learn about the most current options to effectively control devices and study their advantages in terms of cybersecurity.

"

This program provides you with all the resources you need to make your company's app functional and secure"

General Objectives

- Analyze use cases for Android devices on the market
- Compile the most advanced tools for the management of a company at commercial level through Android
- Propose current alternatives for the correct control of these devices in companies
- Demonstrate the advantages of these devices in terms of security and in order to avoid cybercrime

There are many ways to take your business to the next level using Android, thanks to this program you will learn the most useful and effective ones"
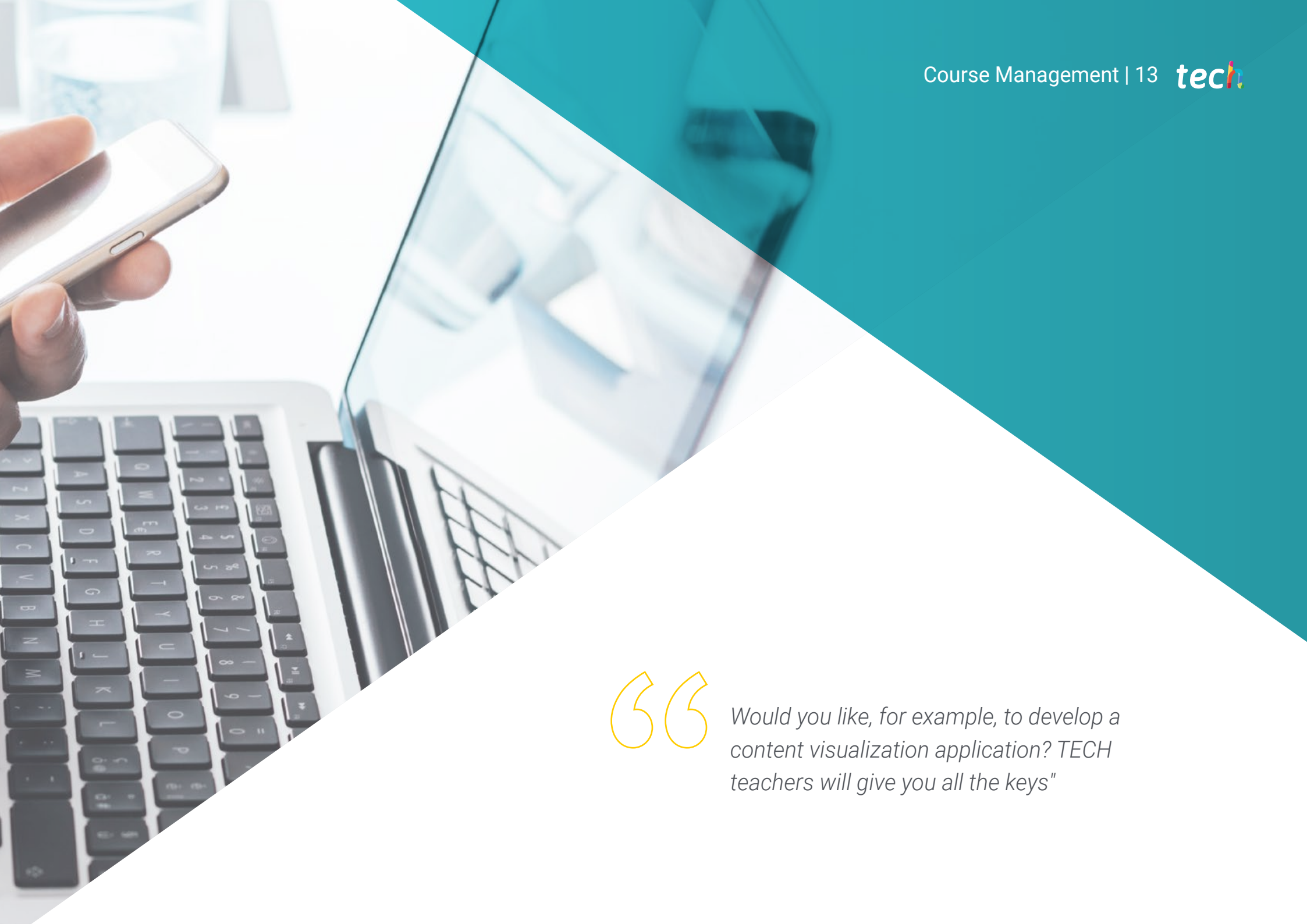
Specific Objectives

- Compile the most advanced tools in day-to-day management
- Evaluate Android device control tools
- Demonstrate the advantages of using Android in drones
- Specify the functionalities of CRM tools
- Demonstrate the benefits of Android devices on banking platforms
- Analyze the possibilities of IoT and Android platforms
- Examine process efficiency tools in Android

03
Course Management

The faculty assigned to this program is committed to providing the latest and most useful tools for Android devices. Therefore, the student will receive the necessary tips to, for example, develop a banking, entertainment or educational platform, among others. In addition, you will learn about one of the most practical applications of Android technology, the so-called Internet of Things (IoT). Always, from the hand of industry professionals who will solve all the doubts that may arise.

Would you like, for example, to develop a content visualization application? TECH teachers will give you all the keys"

International Guest Director

Colin Lee is a **successful mobile application developer**, specializing in **native Android code**, whose influence extends internationally. The Postgraduate Diploma is an **authority in the Twin Cities area and in the handling of Kotlin**. One of his most recent contributions was to demonstrate, in live code, how to **quickly build a browser** using the aforementioned programming language and Mozilla's open source browser components for Android.

In addition, his applications have been linked to globally significant companies. For example, he was in charge of **creating digital solutions for Pearson**, one of the largest international publishers. He also developed a low-level Android video recorder for the startup Flipgrid, later acquired by Microsoft.

He also built a successful Android VPN for a large **client in the consulting world**. In turn, he is the creator of a freight management tool implemented by the transnational **Amazon** to facilitate the work of its contracted truckers. On the other hand, he has helped build the **mobile versions of the Firefox browser** for Mozilla.

Today, he performs work as a contractor, including **code reviews and security checks**. His impact on mobile application development and his experience over the years make him a leading figure in the global technology arena.

Mr. Lee, Colin

- Director at ColinTheShots LLC
- Android Software Engineer for Specto Inc.
- Senior Android Engineer for Mozilla
- Software Development Engineer for Amazon
- Mobile Application Engineer for Flipgrid
- Software Configuration Specialist for Pearson VUE
- Bachelor's Degree from the University of Florida

Thanks to TECH you will be able to learn with the best professionals in the world"

Management

Mr. Olalla Bonal, Martín

- Current Blockchain Technical Specialist at IBM SPGI
- Digital Electronics Technician
- Blockchain Architect
- Infrastructure Architect in Banking
- Hyperledger Fabric training to companies
- Business-oriented companies Blockchain training
- Project management and implementation of solutions
- More than 25 years of experience in the IT world

Professors

Mr. Pérez Rico, Javier

- Current Android Technical Lead at Nologis
- Android Technical Lead at Seekle
- Androif programmer at Gowex-Ideup
- Junior Android Programmer at Tecnocom
- Speaker at the II iTest Symposium, E@tic2011
- Degree in Technical Computer Engineering of Systems at the Complutense University of Madrid
- Master's Degree in Research at the Complutense University of Madrid

04
Structure and Content

The content of this Postgraduate Certificate will be especially applicable to the most creative phase of application development. Concepts such as Mobile Device Management (MDM), a device management and monitoring software; or Customer Relationship Management (CRM), to manage customer relationships, will be analyzed. A space has also been reserved for learning very different and useful functionalities, such as Android in drones, in banking platforms or in entertainment. Finally, the most downloaded applications, their main and secondary uses and the comparison with iOS will be studied.
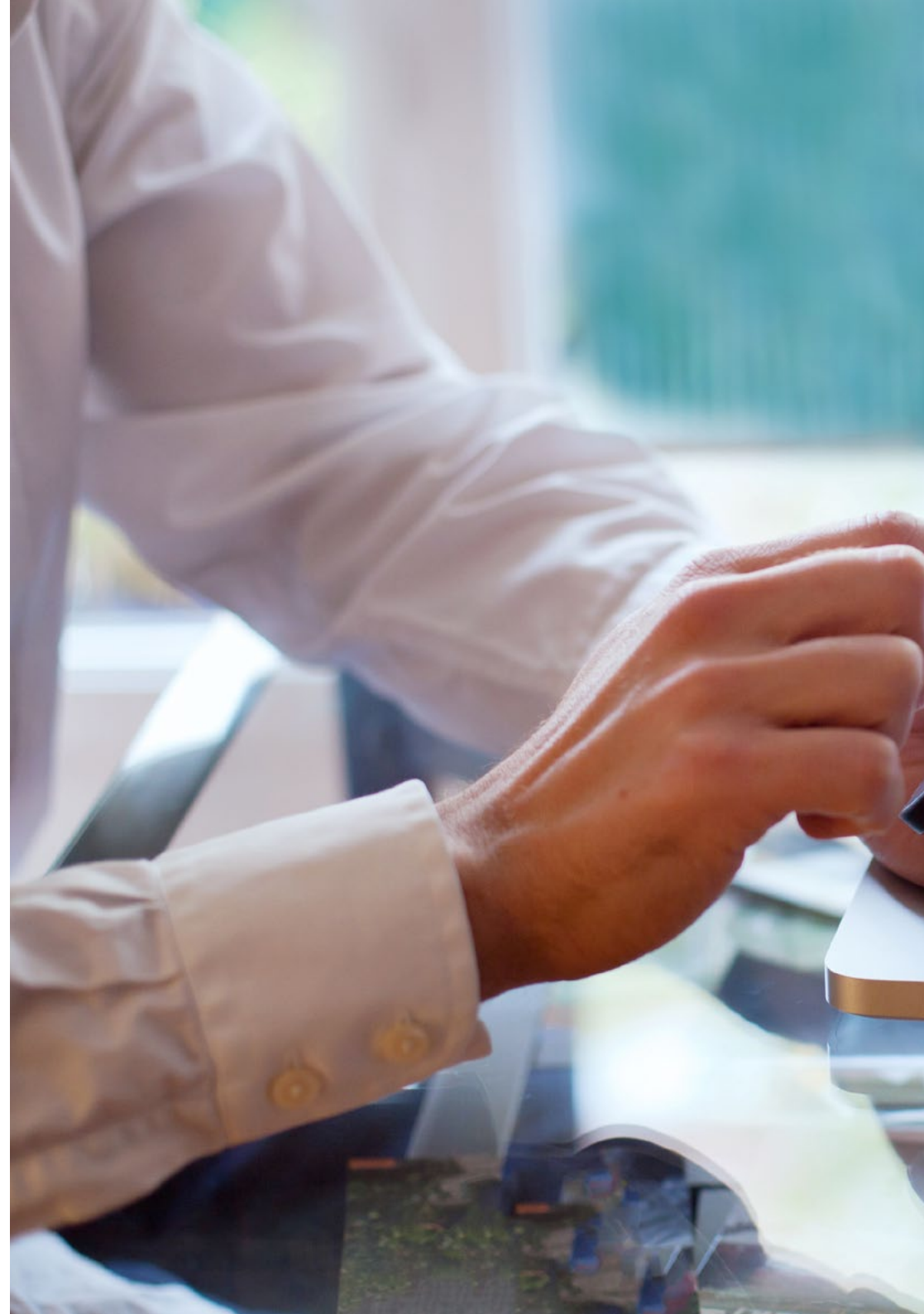
Analyze the most innovative Android utilities, such as the application in drones or in brokering tasks"

Module 1. Android Device Tools

Thanks to TECH you will get a list of the most downloaded Android apps, and more importantly, the comparison with iOS"

05
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 Information Technology 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 that you are presented with in the case method, an action-oriented learning method. Throughout the course, students 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 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.

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.

Certificate

The Postgraduate Certificate in Android Device Tools guarantees students, in addition to the most rigorous and up-to-date education, access to a qualification 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 Android Device Tools** 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 Android Device Tools**

Official Nº of Hours: **150 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

Android Device Tools

This is a qualification awarded by this University, equivalent to 150 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: AFWORD23S   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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