Postgraduate Certificate
Corporate Blockchain

tech technological university

Postgraduate Certificate
Corporate Blockchain

» Modality: **online**
» Duration: **6 weeks**
» Certificate: **TECH Technological University**
» Dedication: **16h/week**
» Schedule: **at your own pace**
» Exams: **online**
» Target Group: **university graduates who have previously completed any degrees in the fields of Social and Legal Sciences, Administrative and Business Sciences. In addition, to managers interested in the area of market analytics and digital economic consulting**

Website: **www.techtitute.com/in/school-of-business/postgraduate-certificate/corporate-blockchain**

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01
Welcome

Blockchain is a disruptive technology that has shown great potential in a variety of sectors, including the financial industry, supply chain and healthcare, among others. This technology is transforming the way companies operate and relate to their customers. In this context, TECH makes available to students this 100% online university program dedicated to the Corporate Blockchain designed to provide a complete understanding of the characteristics and applications of blockchain in business environments. Students will learn about architecture, security, privacy and smart contracts, as well as their impact on business models. This course is ideal for those who wish to deepen their knowledge of Corporate Blockchain and its application in the business world, with access to quality learning resources and a team of highly qualified professionals.

Postgraduate Certificate in Business Blockchain.
TECH Technological University

tech

Gain expertise in a revolutionary technology: the enterprise blockchain, which is transforming the way companies operate and engage with their customers"

Why Study at TECH?

TECH is the world's largest 100% online business school. It is an elite business school, with a model based on the highest academic standards. A world-class center for intensive managerial skills education.

TECH is a university at the forefront of technology, and puts all its resources at the student's disposal to help them achieve entrepreneurial success"

At TECH Technological University

Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"Microsoft Europe Success Story", for integrating the innovative, interactive multi-video system.

The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

95% | of TECH students successfully complete their studies

Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

+100000 executives prepared each year

+200 different nationalities

Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

+500 | collaborative agreements with leading companies

Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.

Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:

Analysis

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.

Academic Excellence

TECH offers students the best online learning methodology. The university combines the *Relearning* methodology (the most internationally recognized postgraduate learning methodology) with Harvard Business School case studies. A complex balance of traditional and state-of-the-art methods, within the most demanding academic framework.

Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.

Learn with the best

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.

At TECH you will have access to the most rigorous and up-to-date case analyses in the academic setting"

Why Our Program?

Studying this TECH program means increasing the chances of achieving professional success in senior business management.

It is a challenge that demands effort and dedication, but it opens the door to a promising future. Students will learn from the best teaching staff and with the most flexible and innovative educational methodology.

We have highly qualified teachers and the most complete syllabus on the market, which allows us to offer you education of the highest academic level"

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:

01

A Strong Boost to Your Career

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

70% of students achieve positive career development in less than 2 years.

02

Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

Our global vision of companies will improve your strategic vision.

03

Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

You will work on more than 100 real senior management cases.

04

You will take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

45% of graduates are promoted internally.

05 Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

You will find a network of contacts that will be instrumental for professional development.

06 Thoroughly develop business projects.

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different fields in companies.

20% of our students develop their own business idea.

07 Improve *soft skills* and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

Improve your communication and leadership skills and enhance your career.

08 You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Technological University community.

We give you the opportunity to study with a team of world-renowned teachers.

04
Objectives

The TECH's Postgraduate Certificate in Corporate Blockchain aims to provide students with a comprehensive understanding of the features and applications of Corporate Blockchain, as well as its impact on business models. Upon completion of the course, students will be able to apply their knowledge in contract management and business operations, as well as understand the importance of business innovation and how blockchain can help companies stay ahead of the curve. This academic program is ideal for those looking to stay current in constantly evolving technology and be at the forefront of business innovation.

Consolidate your leadership

"
Broaden your horizons and open up new career opportunities in an ever-growing field"

TECH makes the goals of their students their own goals too. Working together to achieve them.

The **Postgraduate Certificate in Corporate Blockchain.** qualifies student to:

01 Establish differences between public and private platforms

02 Analyze how Blockchain is applied when cryptocurrencies do not apply to the case study

03 Determine how integration with other technologies brings added value

04 Get an in-depth understanding of the Hyperledger ecosystem and in particular Hyperledger Fabric, the framework for building private networks

05 Analyze real business Blockchain use cases in different sectors and the benefits they bring to the growing companies that operate them.

06 Substantiate the importance of document digitization and Blockchain certification and how to carry it out with distributed tools such as IPFS

05
Course Management

The teaching staff of TECH's Postgraduate Certificate in Corporate Blockchain is made up of highly qualified professionals and experts in the field. The professors are experienced in the use of Corporate Blockchain in business environments, allowing students to learn from real situations and apply their knowledge in practical situations. In addition, teachers are highly committed to student success and provide a personalized approach to help students achieve their educational and career goals.

Learn from the best professionals and subject matter experts, highly qualified and experienced in the use of blockchain in corporate environments"

Management

Dr. Gil de la Guardia, Alberto

- Crypto world educator and lecturer
- Founding member of Le Crypto Club
- Co-director of several university programs related to Blockchain Technology and the Crypto world
- Doctorate in International Public Law at the Complutense University of Madrid
- Degree in Law from the University of Salamanca
- Master's Degree in Financial Studies from San Pablo CEU University
- Master's Degree in Blockchain Technology and Bitcoin from the European University of Madrid

Professors

Mr. Martín Arenas, Carlos

- Blockchain developer at Transfesa Logistics
- Blockchain consultant and developer, specialized in the deployment and operation of private Blockchain on the Hyper Ledger Fabric framework
- Developer of algorithmic trading processes for cryptocurrencies
- Founding partner of ADNBLOCK
- Development of applications in Mainframe environments dedicated to the banking sector
- Superior Technician in Computer Applications Development by Joyfe College
- Expert in Bitcoin and Blockchain programming by UEM

Mr. Martín Arenas, Daniel

- Blockchain Developer at Dimática / Nexplore
- Founding partner of ADNBLOCK
- Blockchain consultant and developer, specialized in the deployment and operation of private Blockchain on the Hyper Ledger Fabric framework
- Chaincode Developer
- Superior Technician in Computer Applications Development by Joyfe College
- Master's Degree in Blockchain Technology and Bitcoin from the European University of Madrid
- Professional Certificate in Software Development from the IES Melchor Gaspar de Jovellanos High School

Structure and Content

The syllabus of this Postgraduate Certification is designed to cover the main topics of blockchain technology in a period of 6 weeks and 150 hours. Students will learn about enterprise blockchain architecture, contract and operations management, security and privacy in blockchain implementation, business innovation, project and operations management, as well as smart contracts and their application in different business sectors.

Understand how enterprise blockchain architecture works and how to apply it in managing contracts and business operations"

Syllabus

Blockchain is a disruptive technology that has shown great potential in a variety of sectors, including the financial industry, supply chain and healthcare, among others. This technology is transforming the way companies operate and relate to their customers. In this context, TECH offers a 100% online Postgraduate Certificate dedicated to the Corporate Blockchain.

This course is designed to provide students with a comprehensive understanding of the features and applications of the Corporate Blockchain, as well as its impact on business models. Students will learn about blockchain architecture, security, privacy, smart contracts and how to apply this technology in business environments.

The course is aimed at people who wish to deepen their knowledge of the enterprise blockchain and its application in the business world. Students will have access to quality learning resources and a team of highly qualified and experienced professionals in the field. This is an excellent opportunity for those looking to stay current in constantly evolving technology and be at the forefront of business innovation.

This Postgraduate Certificate program is spread out over 6 weeks and is divided into 1 module:

Module 1	Corporate Blockchain

Where, When and How is it Taught?

TECH offers you the opportunity to study this Postgraduate Certificate in Corporate Blockchain completely online. During the 6 weeks of the specialization, the student will be able to access all the contents of this program at any time, which will allow the students to self-manage their study time.

Module 1. Corporate Blockchain

1.1.   Platform Types, Characteristics and Voting Process
1.1.1.   Consensual Blockchain
1.1.2.   Participatory Blockchain
1.1.3.   Democratic Blockchain

1.2.   Hyperledger, Corporate Blockchain Platform
1.2.1.   Hyperledger Ecosystem
1.2.2.   Hyperledger Fabric
1.2.3.   Community. Hyperledger Labs

1.3.   Corporate Case Studies
1.3.1.   Blockchain in the Company
1.3.2.   Blockchain-Based Consortia and Joint Ventures
1.3.3.   Production Case Studies

1.4.   Traceability
1.4.1.   Blockchain Traceability
1.4.2.   Immutability and GDPR Conflict
1.4.3.   Legal Validity

1.5.   Document Certification
1.5.1.   Digitalization and Blockchain
1.5.2.   Blockchain Certification
1.5.3.   IPFS

1.6.   Blockchain + IOT
1.6.1.   Synergy between Technologies
1.6.2.   Blockchain + IoT Applications in the Pharmaceutical Industry
1.6.3.   Blockchain + IoT Applications in Supply Chain

1.7.   Other Corporate Blockchain
1.7.1.   Corda
1.7.2.   Quorum
1.7.3.   Hyperledger Besu
1.7.4.   Blockchain as a Service

1.8.   Risks: Case Studies by Sector
1.8.1.   Blockchain in Banking
1.8.2.   Blockchain in Retail
1.8.3.   Blockchain in the Public Sector

1.9.   Private Network Consensus
1.9.1.   BFT / IBFT
1.9.2.   Raft
1.9.3.   Granpa (Polkadot/Substrate)

1.10.   Blockchain vs. Centralized Databases vs. Decentralized Databases
1.10.1.   Differences
1.10.2.   Similarities
1.10.3.   The Best Technological Alternative Choice

"Understand how enterprise blockchain architecture works and how to apply it in managing contracts and business operations"

07
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"

TECH Business School uses the 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"*

This program prepares you to face business challenges in uncertain environments and achieve business success.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. 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 business reality is taken into account.

"You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments"

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.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, argue and defend their ideas and decisions.

Our program prepares you to face new challenges in uncertain environments and achieve success in your career.

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.

Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.

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 online business school is the only one in the world 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 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. 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.

Relearning 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.

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.

Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.

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%

3%

30%

15%

4%

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 senior management 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.

Our Students' Profiles

The Postgraduate Certificate is aimed at University Graduates who have previously completed any of the following degrees in the field of Social and Legal Sciences, Administration and Economics.

This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.

The Postgraduate Certificate may also be taken by professionals who, being university graduates in any area, have two years of work experience in the field of Blockchain and economic consulting.

"

Acquire skills in security and privacy management in the implementation of enterprise blockchain in the enterprise, only with this TECH Postgraduate Certificate"

Average Age

Between **35** and **45** years old

Years of Experience

Over 15 years **18%**

Up to 5 years **17%**

From 10 to 15 years **35%**

From 5 to 10 years **30%**

Training

Business Economics **27%**

Engineering **35%**

Consulting **26%**

Other **12%**

Academic Profile

Industry **29%**

Services **34%**

Entrepreneurs **25%**

Other **12%**
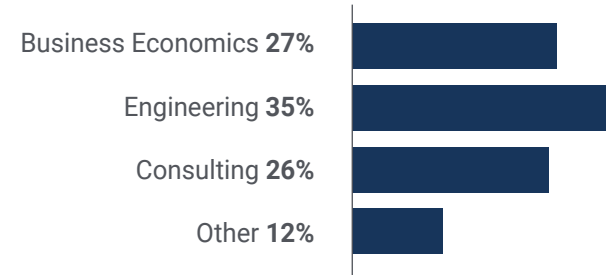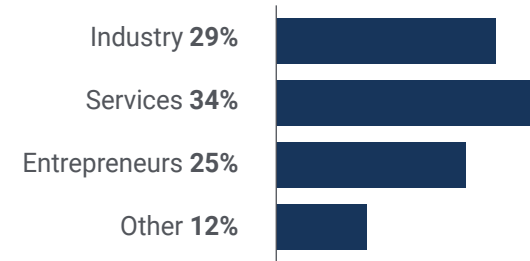
Geographical Distribution

USA **16%**

Spain **40%**

Mexico **23%**

Colombia **21%**
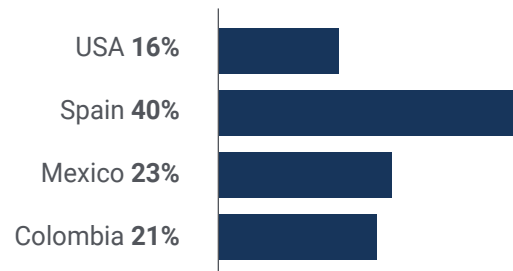
Andersona Suárez

Senior Financial Risk Analyst

"As a professional in the financial sector, I have always been interested in the latest trends and technologies that can help my company stay ahead of the curve. TECH's Postgraduate Certificate in Corporate Blockchain was exactly what I was looking for to expand my knowledge and skills in this constantly evolving area. TECH's expert teachers in Corporate Blockchain provided me with a wealth of useful information, both theoretical and practical, which helped me to better understand how this technology works and how it can be applied in project management and business operations. In addition, access to quality learning resources and a community of students and professionals passionate about Corporate Blockchain allowed me to expand my network and learn from others in the field"

09
Impact on Your Career

The cryptocurrency market is booming, so the demand for professionals who master this field has grown exponentially. For this reason, the graduate who accesses this Postgraduate Certificate will be guaranteed a successful working future within of Corporate Blockchain. And the fact is that, to have in your resume with a distinctive as this program, endorsed by a great university of international prestige as TECH, will allow you to stand out, undoubtedly, in any job interview.

"

Become an innovative and visionary business leader, capable of applying Corporate Blockchain in project and operations management"

Are you ready to take the leap?

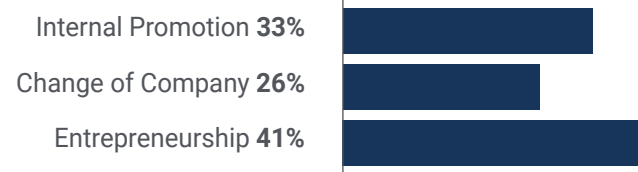**Excellent professional development awaits you**

DeFi Basis of TECH is an intensive program that prepares you to face challenges and business decisions in the field of Economics and Blockchain. The main objective is to promote your personal and professional growth. Helping you achieve success.
If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

The mastery you will acquire of NFT trading will shape you as a reputable crypto professional in today's business environment.

This is the best program to specialize in buying and selling digital assets and increase your earnings considerably. Are you going to let this opportunity pass by?.

Time of Change

During the program	During the first year	After 2 years
15%	**57%**	**28%**

Type of Change

Internal Promotion **33%**

Change of Company **26%**

Entrepreneurship **41%**

Salary increase

This program represents a salary increase of more than **27.42%** for our students.

Salary before	A salary increase of	Salary after
$58,300	**27.42%**	**$74,200**

10 Benefits for Your Company

This Postgraduate Certificate has been designed to enable professionals to develop the skills of a top-level expert in crypto-economy trading. Thanks to the course, graduates will acquire a unique set of skills that will enable them to act in a feasible, arduous and successful way in any type of situation, including the most complex ones. In addition, they will develop as a highly qualified manager capable of taking on any Blockchain-related project with confidence and leadership.

"

With this Postgraduate Certificate you will gain a thorough understanding of smart contracts and how they can be applied in different business sectors"

Developing and retaining talent in companies is the best long-term investment.

01
Growth of talent and intellectual capital
The professional will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.

02
Retaining high-potential executives to avoid talent drain
This program strengthens the link between the company and the professional and opens new avenues for professional growth within the company.

03
Building agents of change
You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.

04
Increased international expansion possibilities
Thanks to this program, the company will come into contact with the main markets in the world economy.

05

Project Development

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.

06

Increased competitiveness

This program will equip students with the skills to take on new challenges and drive the organization forward.

11
Certificate

The Postgraduate Certificate in Corporate Blockchain. 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 Corporate Blockchain** 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 Corporate Blockchain**

Official No. of Hours: **150 h.**

tech technological university

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

POSTGRADUATE CERTIFICATE
in
Corporate Blockchain

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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