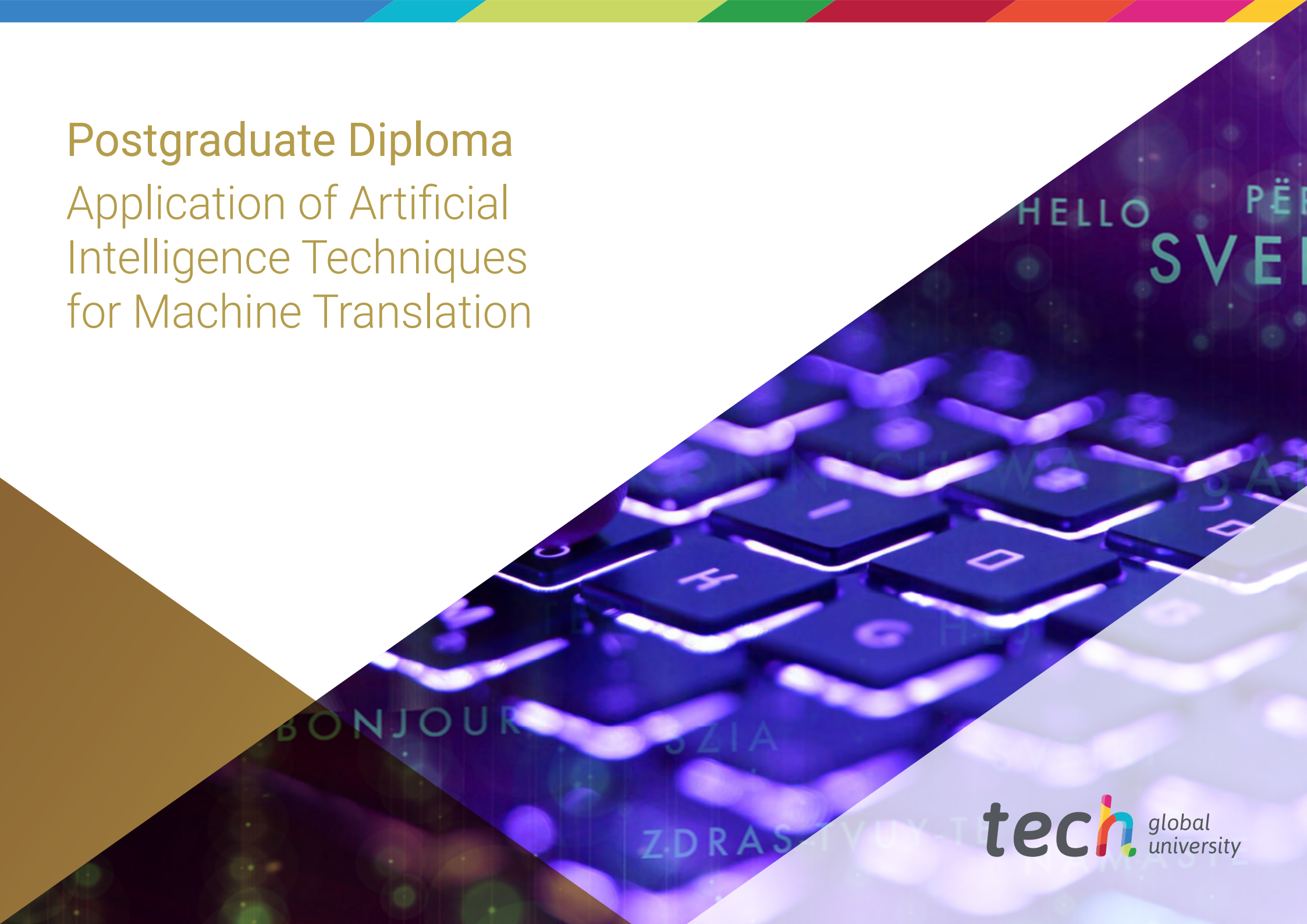
Postgraduate Diploma

Application of Artificial Intelligence Techniques for Machine Translation



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Postgraduate Diploma
Application of Artificial Intelligence Techniques for Machine Translation

- Modality: **online**
- Duration: **6 months**
- Certificate: **TECH Global University**
- Accreditation: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: www.techtitute.com/us/humanities/postgraduate-diploma/postgraduate-diploma-application-artificial-intelligence-techniques-machine-translation

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01

Introduction

The emergence of the Fourth Industrial Revolution has had a significant impact on the field of Machine Translation thanks to the implementation of different Artificial Intelligence techniques. An example of this is Natural Language Processing, which allows experts to improve both the accuracy and fluency of their interpretations. Despite these advances, professionals face the challenge of dealing with linguistic complexities ranging from lexical ambiguity or intricate grammatical structures to technical concepts. In this scenario, TECH launches a revolutionary university program focused on the Application of state-of-the-art Artificial Intelligence Techniques to obtain high quality Machine Translations. At the same time, it is taught in a convenient 100% online mode.

Thanks to this 100% online Postgraduate Diploma, you will master the most innovative Artificial Intelligence techniques to obtain Machine Translations defined by their high consistency and accuracy"

According to a recent report by the United Nations, the implementation of emerging Artificial Intelligence tools has made it possible to optimize accessibility to multilingual content in global development projects by 50%. In this way, it has facilitated understanding between different cultures through cutting-edge methods such as Deep Learning. It is therefore essential for specialists to keep abreast of the most sophisticated Deep Learning and algorithm training techniques to improve Translation in critical sectors such as health, education or Human Rights.

In order to facilitate this update, TECH has created a pioneering Postgraduate Diploma in the Application of Artificial Intelligence Techniques for Machine Translation. Designed by references in this field, the academic itinerary will delve into issues ranging from the different probabilistic models of linguistics or emotion detection systems to the generation of autoregressive text. In this way, graduates will obtain advanced competences to design, train and optimize algorithms such as Neural Networks. Furthermore, the teaching materials will delve into the use of state-of-the-art software (including Fluenty, Voice Tra or iTranslate Voice) with the aim of enabling students to perform automatic voice interpretations in special situations that require a common understanding of the language and its use.

Regarding the methodology of the university program, it is taught 100% online so that translation professionals can individually plan their schedules and pace of study. In addition, TECH employs its innovative Relearning method, which consists of the natural and progressive reiteration of the essential concepts of the syllabus to ensure optimal comprehension. In this sense, all students need is an electronic device with an Internet connection to access the Virtual Campus, where they will find various multimedia resources in formats such as interactive summaries, case studies or explanatory videos.

This **Postgraduate Diploma in Application of Artificial Intelligence Techniques for Machine Translation** contains the most complete and up-to-date educational program on the market. The most important features include:

- The development of case studies presented by experts in Artificial Intelligence focused on Translation and Interpreting
- The graphic, schematic, and practical contents with which they are created, provide practical information on the 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 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

You will learn valuable lessons through real case studies in simulated learning environments”

Are you looking to implement in your daily practice the latest Artificial Intelligence techniques to automatically translate complex languages such as jargon or technical jargon? Achieve it with this program"

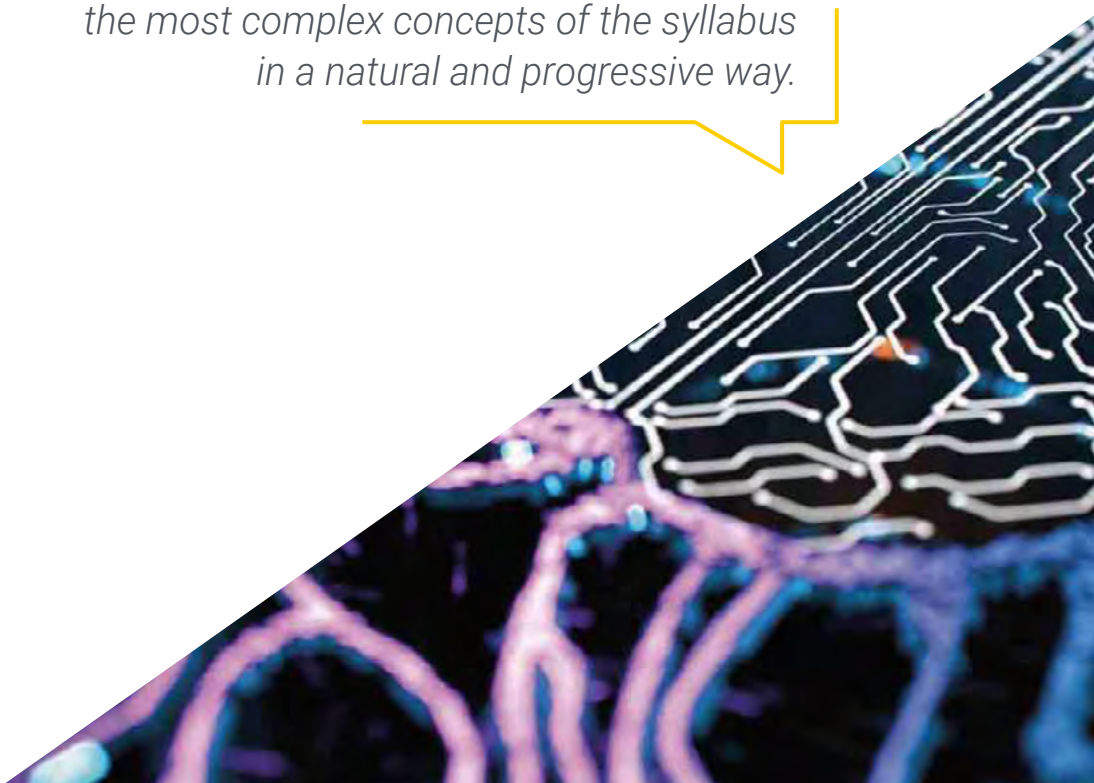
You will learn in depth the use of advanced Computer-Assisted Translation platforms such as Wordbee, which will allow you to carry out quality controls in order to detect common terminological inconsistencies such as spelling mistakes.

With the innovative Relearning methodology applied by TECH, you will consolidate the most complex concepts of the syllabus in a natural and progressive way.

The program's teaching staff includes professionals from the field who contribute their work experience to this educational 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 education 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 during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned experts in the field of educational coaching with extensive experience.



02

Objectives

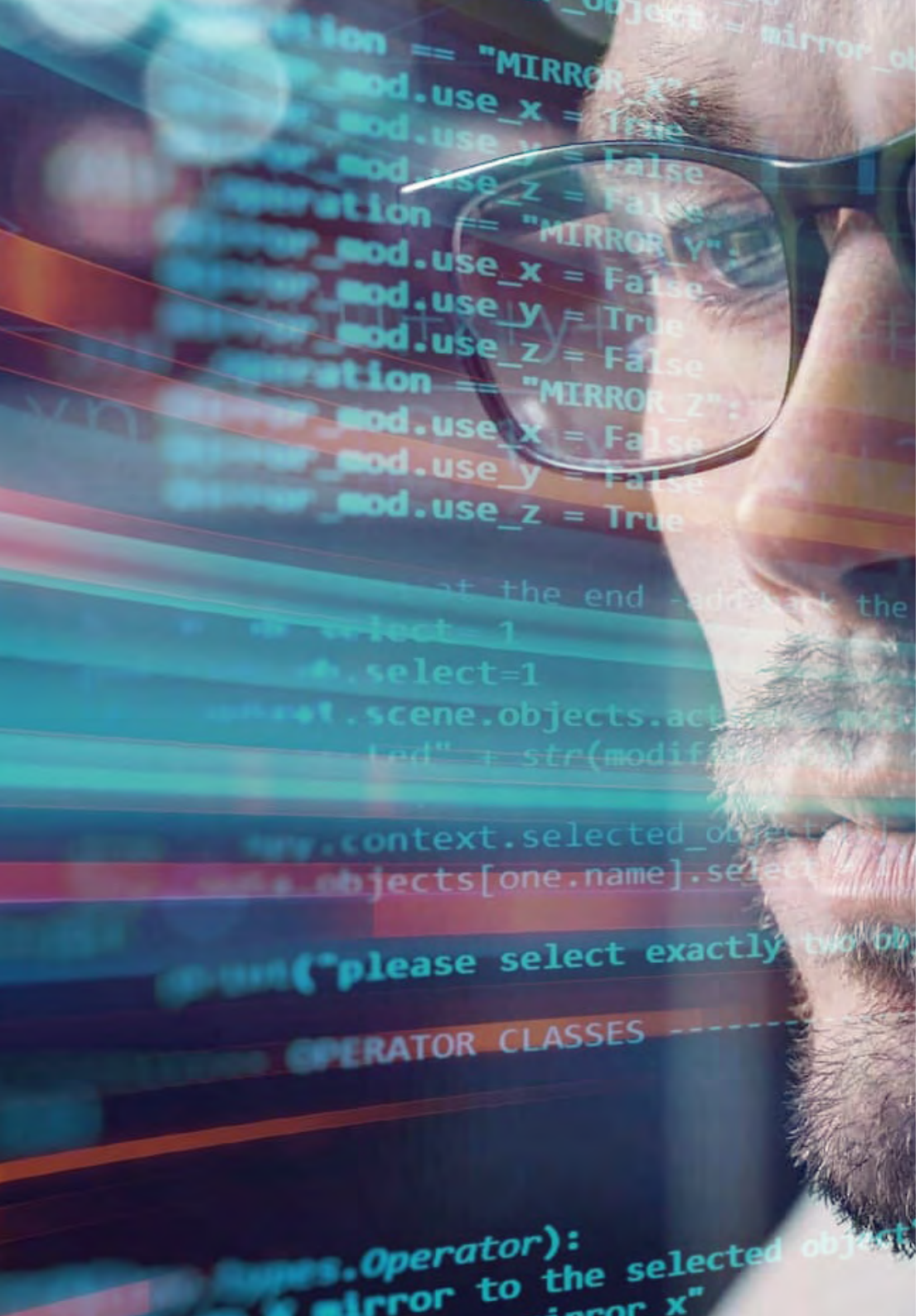
Through this comprehensive program, professionals will have a comprehensive understanding of the main Artificial Intelligence algorithms for Machine Translation. At the same time, graduates will acquire advanced skills to handle different tools such as Natural Language Processing or Deep Learning to improve the interpretation of texts in different languages, styles and situations. In this sense, experts will skillfully use state-of-the-art quality metrics to make the necessary adjustments to models and ensure consistent and accurate results.

You will master the latest Data Mining techniques to identify linguistic patterns and increase the accuracy of your translations"

General Objectives

- Understand the theoretical foundations of Artificial Intelligence
- Study the different types of data and understand the data lifecycle
- Evaluate the crucial role of data in the development and implementation of AI solutions
- Delve into algorithms and complexity to solve specific problems
- Explore the theoretical basis of neural networks for Deep Learning development
- Explore bio-inspired computing and its relevance in the development of intelligent systems
- Understand classical and modern linguistic models and their application in Artificial Intelligence
- Acquire skills to use and optimize Artificial Intelligence tools in real-time translation, ensuring accuracy and fluency in multilingual contexts
- Become skilled in the use of the main AI-assisted translation platforms and tools, integrating them effectively into the professional workflow
- Learn how to integrate speech recognition technologies into machine interpreting systems, improving accessibility and efficiency
- Design and program multilingual chatbots using AI, enhancing interaction with users in different languages
- Develop criteria and methods for assessing the quality of translations and interpretations performed with Artificial Intelligence tools
- Integrate Artificial Intelligence tools and platforms into the workflow of translators and interpreters, optimizing productivity and consistency
- Train in identifying and resolving ethical and social challenges related to the use of Artificial Intelligence in translation and interpreting
- Explore and implement innovations in the field of Artificial Intelligence-assisted translation and interpretation, anticipating emerging trends
- Equip yourself with the necessary skills to lead projects and teams in the implementation of Artificial Intelligence solutions in the field of translation and interpreting

This university program will include a variety of multimedia resources such as explanatory videos, specialized readings or interactive summaries, guaranteeing you a totally dynamic learning experience"



Specific Objectives

Module 1. Linguistic Models and Artificial Intelligence Application

- Acquire a solid knowledge of the different linguistic models, from classical to AI-based, and their relevance in translation and interpreting
- Develop the skills to apply probabilistic, rule-based and deep learning models in Natural Language Processing (NLP) tasks

Module 2. Artificial Intelligence and Real-Time Translation

- Learn to handle Artificial Intelligence-based real-time translation tools, improving efficiency and accuracy in multilingual communication
- Develop skills to evaluate the quality of real-time translations, using specific metrics and indicators

Module 3. Artificial Intelligence-Assisted Translation Tools and Platforms

- Familiarize yourself with the main Artificial Intelligence-assisted translation tools and platforms (TAIA) and learn how to integrate them into your professional workflow
- Learn how to integrate linguistic resources and databases into TAIA tools, optimizing translation productivity and consistency

03

Course Management

TECH's priority is to offer anyone the most complete and updated university programs in the academic panorama, which is why it carries out a meticulous process to establish its teaching staff. As a result of this effort, this Postgraduate Diploma has the participation of prestigious specialists in the Application of Artificial Intelligence Techniques for Machine Translation. These professionals have elaborated a myriad of teaching contents that stand out both for their high quality and for being in line with the demands of the current labor market. Undoubtedly, an immersive experience that will help graduates improve their career prospects considerably.

You will be advised at all times by the teaching team, made up of recognized experts in the field of the Application of Artificial Intelligence Techniques for Machine Translation"

Management

Dr. Peralta Martín-Palomino, Arturo

- CEO and CTO at Prometeus Global Solutions
- CTO at Korporate Technologies
- CTO at AI Shepherds GmbH
- Consultant and Strategic Business Advisor at Alliance Medical
- Director of Design and Development at DocPath
- PhD in Psychology from the University of Castilla La Mancha
- PhD in Economics, Business and Finance from the Camilo José Cela University
- PhD in Psychology from University of Castilla La Mancha
- Master's Degree in Executive MBA from the Isabel I University
- Master's Degree in Sales and Marketing Management, Isabel I University
- Expert Master's Degree in Big Data by Hadoop Training
- Master's Degree in Advanced Information Technologies from the University of Castilla La Mancha
- Member of the research group SMILE.

Professors

Ms. Martínez Cerrato, Yésica

- Responsible for Technical Training at Securitas Seguridad España
- Education, Business and Marketing Specialist
- Product Manager in Electronic Security at Securitas Seguridad España
- Business Intelligence Analyst at Ricopia Technologies
- Computer Technician and Responsible for OTEC computer classrooms at the University of Alcalá de Henares
- Collaborator in the ASALUMA Association
- Degree in Electronic Communications Engineering at the Polytechnic School, University of Alcalá de Henares

Ms. Del Rey Sánchez, Cristina

- Talent Management Administrative Officer at Securitas Seguridad España, S.L
- Extracurricular Activities Center Coordinator
- Support classes and pedagogical interventions with Primary and Secondary Education students
- Postgraduate in Development, Delivery and Tutoring of e-Learning Training Actions
- Postgraduate in Early Childhood Care
- Degree in Pedagogy from the Complutense University of Madrid

04

Structure and Content

This program has been designed by real experts in Artificial Intelligence applied to Machine Translation. The curriculum will delve into aspects ranging from the implementation of Linguistic Learning models or sentiment analysis systems to different speech recognition methods. In this way, students will develop advanced skills to train and adjust Deep Learning techniques according to different languages and contexts. In addition, the syllabus will analyze the most cutting-edge strategies of Natural Language Processing, which will allow graduates to perform translations of complex grammatical structures in real time and generate fluent texts.

You will handle the most sophisticated algorithms to optimize diverse Machine Translation systems based on Artificial Intelligence, which will allow you to adapt your interpretations to different linguistic contexts"

Module 1. Linguistic Models and Artificial Intelligence Application

1.1. Classical Models of Linguistics and their Relevance to Artificial Intelligence
- 1.1.1. Generative and Transformational Grammar
- 1.1.2. Structural Linguistic Theory
- 1.1.3. Formal Grammar Theory
- 1.1.4. Applications of Classical Models in Artificial Intelligence

1.2. Probabilistic Models in Linguistics and Their Application in Artificial Intelligence
- 1.2.1. Hidden Markov Models (HMM)
- 1.2.2. Statistical Language Models
- 1.2.3. Supervised and Unsupervised Learning Algorithms
- 1.2.4. Applications in Speech Recognition and Text Processing

1.3. Rule-Based Models and Their Implementation in AI. GPT
- 1.3.1. Formal Grammars and Rule Systems
- 1.3.2. Knowledge Representation and Computational Logic
- 1.3.3. Expert Systems and Inference Engines
- 1.3.4. Applications in Dialog Systems and Virtual Assistants

1.4. Deep Learning Models in Linguistics and Their Use in Artificial Intelligence
- 1.4.1. Convolutional Neural Networks for Text Processing
- 1.4.2. Recurrent Neural Networks and LSTM for Sequence Modeling
- 1.4.3. Attention Models and Transformers. APERTIUM
- 1.4.4. Applications in Machine Translation, Text Generation and Sentiment Analysis

1.5. Distributed Language Representations and Their Impact on Artificial Intelligence
- 1.5.1. Word Embeddings and Vector Space Models
- 1.5.2. Distributed Representations of Sentences and Documents
- 1.5.3. Bag-of-Words Models and Continuous Language Models
- 1.5.4. Applications in Information Retrieval, Document Clustering and Content Recommendation

1.6. Machine Translation Models and Their Evolution in AI. Lilt
- 1.6.1. Statistical and Rule-Based Translation Models
- 1.6.2. Advances in Neural Machine Translation
- 1.6.3. Hybrid Approaches and Multilingual Models
- 1.6.4. Applications in Online Translation and Content Localization Services

1.7. Sentiment Analysis Models and Their Usefulness in Artificial Intelligence
- 1.7.1. Sentiment Classification Methods
- 1.7.2. Detection of Emotions in Text
- 1.7.3. Analysis of User Opinions and Comments
- 1.7.4. Applications in Social Networks, Analysis of Product Opinions and Customer Service

1.8. Language Generation Models and Their Application in AI. TransPerfect Globallink
- 1.8.1. Autoregressive Text Generation Models
- 1.8.2. Conditioned and Controlled Text Generation
- 1.8.3. GPT-Based Natural Language Generation Models
- 1.8.4. Applications in Automatic Typing, Text Summarization, and Intelligent Conversation

1.9. Speech Recognition Models and Their Integration in Artificial Intelligence
- 1.9.1. Audio Feature Extraction Methods
- 1.9.2. Speech Recognition Models Based on Neural Networks
- 1.9.3. Improvements in Speech Recognition Accuracy and Robustness
- 1.9.4. Applications in Virtual Assistants, Transcription Systems and Speech-based Device Control

1.10. Challenges and Future of Linguistic Models in Artificial Intelligence
- 1.10.1. Challenges in Natural Language Understanding
- 1.10.2. Limitations and Biases in Current Linguistic Models
- 1.10.3. Research and Future Trends in Artificial Intelligence Linguistic Modeling
- 1.10.4. Impact on Future Applications such as General Artificial Intelligence (AGI) and Human Language Understanding. SmartCAt

Module 2. Artificial Intelligence and Real-Time Translation

2.1. Introduction to Real-Time Translation with Artificial Intelligence
- 2.1.1. Definition and Basic Concepts
- 2.1.2. Importance and Applications in Different Contexts
- 2.1.3. Challenges and Opportunities
- 2.1.4. Tools such as Fluently or Voice Tra

2.2. Artificial Intelligence Fundamentals in Translation
- 2.2.1. Brief Introduction to Artificial Intelligence
- 2.2.2. Specific Applications in Translation
- 2.2.3. Relevant Models and Algorithms

2.3. Artificial Intelligence-Based Real-Time Translation Tools
- 2.3.1. Description of the Main Tools Available
- 2.3.2. Comparison of Functionalities and Features
- 2.3.3. Use Cases and Practical Examples

2.4. Neural Machine Translation (NMT) Models. SDL Language Cloud
- 2.4.1. Principles and Operation of NMT Models
- 2.4.2. Advantages over Traditional Approaches
- 2.4.3. Development and Evolution of NMT Models

2.5. Natural Language Processing (NLP) in Real-Time Translation. SayHi TRanslate
- 2.5.1. Basic NLP Concepts Relevant to Translation
- 2.5.2. Preprocessing and Post-Processing Techniques
- 2.5.3. Improving the Coherence and Cohesion of the Translated Text

2.6. Multilingual and Multimodal Translation Models
- 2.6.1. Translation Models that Support Multiple Languages
- 2.6.2. Integration of Modalities such as Text, Speech and Images
- 2.6.3. Challenges and Considerations in Multilingual and Multimodal Translation

2.7. Quality Assessment in Real-Time Translation with Artificial Intelligence
- 2.7.1. Translation Quality Assessment Metrics
- 2.7.2. Automatic and Human Evaluation Methods. iTranslate Voice
- 2.7.3. Strategies to Improve Translation Quality

2.8. Integration of Real-Time Translation Tools in Professional Environments
- 2.8.1. Use of Translation Tools in Daily Work
- 2.8.2. Integration with Content Management and Localization Systems
- 2.8.3. Adaptation of Tools to Specific User Needs

2.9. Ethical and Social Challenges in Real-Time Translation with Artificial Intelligence
- 2.9.1. Biases and Discrimination in Machine Translation
- 2.9.2. Privacy and Security of User Data
- 2.9.3. Impact on Linguistic and Cultural Diversity

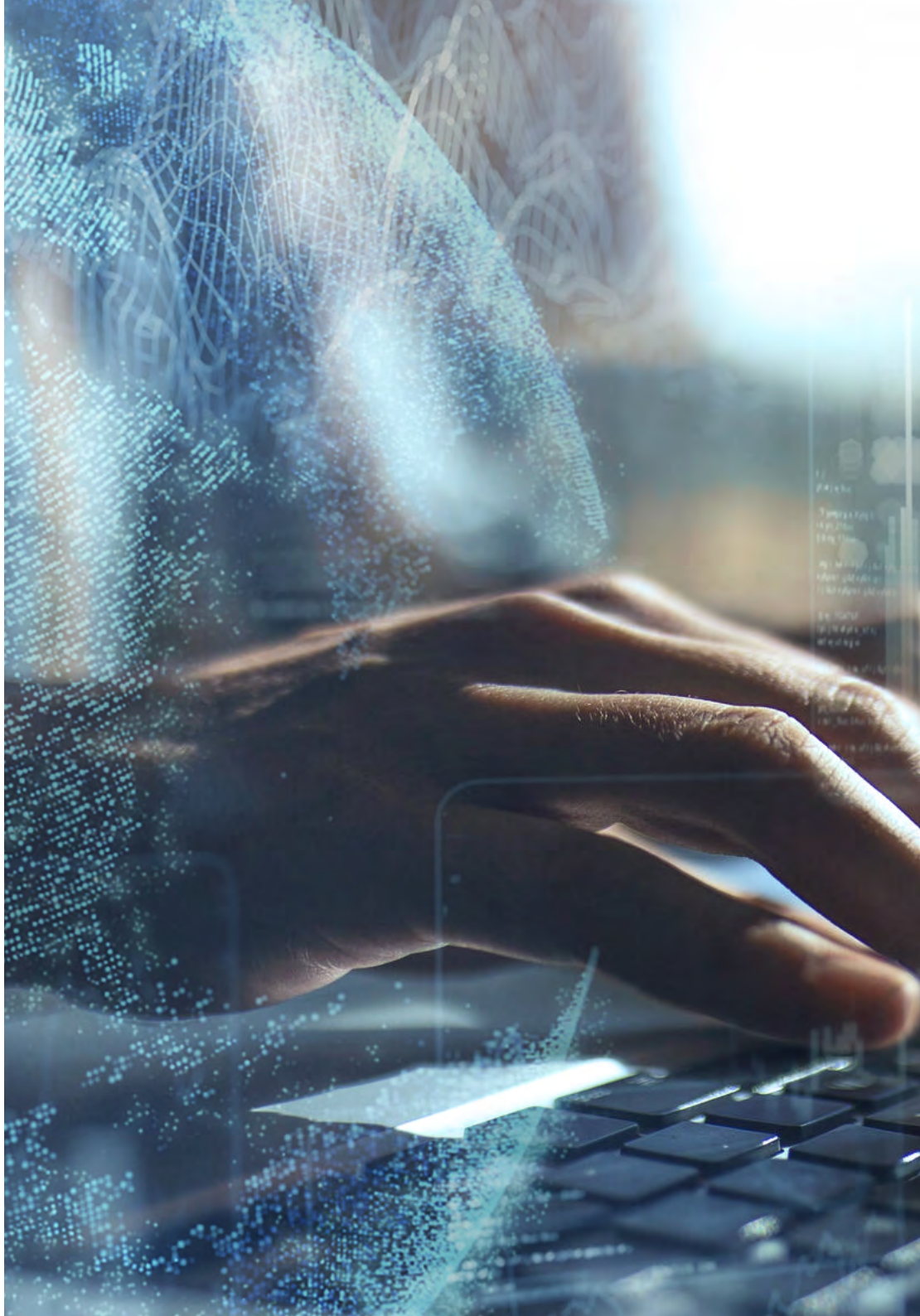
2.10. Future of AI-Based Real-Time Translation. Applingua
- 2.10.1. Emerging Trends and Technological Advances
- 2.10.2. Future Prospects and Potential Innovative Applications
- 2.10.3. Implications for Global Communication and Language Accessibility

Module 3. Artificial Intelligence-Assisted Translation Tools and Platforms

3.1. Introduction to Artificial Intelligence-Assisted Translation Tools and Platforms
- 3.1.1. Definition and Basic Concepts
- 3.1.2. Brief History and Evolution
- 3.1.3. Importance and Benefits in Professional Translation

3.2. Main Artificial Intelligence-Assisted Translation Tools
- 3.2.1. Description and Functionalities of the Leading Tools on the Market
- 3.2.2. Comparison of Features and Prices
- 3.2.3. Use Cases and Practical Examples

3.3. Professional AI-Assisted Translation Platforms. Wordfast
- 3.3.1. Description of Popular Artificial Intelligence-Assisted Translation Platforms
- 3.3.2. Specific Functionalities for Translation Teams and Agencies
- 3.3.3. Integration with Other Project Management Systems and Tools



3.4. Machine Translation Models Implemented in AI-Assisted Translation Tools
- 3.4.1. Statistical Translation Models
- 3.4.2. Neural Translation Models
- 3.4.3. Advances in Neural Machine Translation (NMT) and Its Impact on AI-Assisted Translation Tools

3.5. Integration of Linguistic Resources and Databases in AI-Assisted Translation Tools
- 3.5.1. Using Corpus and Linguistic Databases to Improve Translation Accuracy
- 3.5.2. Integrating Specialized Dictionaries and Glossaries
- 3.5.3. Importance of Context and Specific Terminology in Artificial Intelligence-Assisted Translation

3.6. User Interface and User Experience in AI-Assisted Translation Tools
- 3.6.1. User Interface Design and Usability
- 3.6.2. Customization and Preference Settings
- 3.6.3. Accessibility and Multilingual Support on AI-Assisted Translation Platforms

3.7. Quality Assessment in Artificial Intelligence-Assisted Translation
- 3.7.1. Translation Quality Assessment Metrics
- 3.7.2. Machine vs. Human Evaluation
- 3.7.3. Strategies to Improve the Quality of Artificial Intelligence-Assisted Translation

3.8. Integration of AI-Assisted Translation Tools into the Translator's Workflow
- 3.8.1. Incorporation of AI-Assisted Translation Tools into the Translation Process
- 3.8.2. Optimizing Workflow and Increasing Productivity
- 3.8.3. Collaboration and Teamwork in Artificial Intelligence-Assisted Translation Environments

3.9. Ethical and Social Challenges in the Use of AI-Assisted Translation Tools
- 3.9.1. Biases and Discrimination in Machine Translation
- 3.9.2. Privacy and Security of User Data
- 3.9.3. Impact on the Translation Profession and on Linguistic and Cultural Diversity

3.10. Future of AI-Assisted Translation Tools and IA. Wordbee
- 3.10.1. Emerging Trends and Technological Developments
- 3.10.2. Future Prospects and Potential Innovative Applications
- 3.10.3. Implications for Training and Professional Development in the Field of Translation

05

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career"

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.
The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

"At TECH you will NOT have live classes (which you might not be able to attend)"

The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

> *TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want"*

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.

Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.

A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

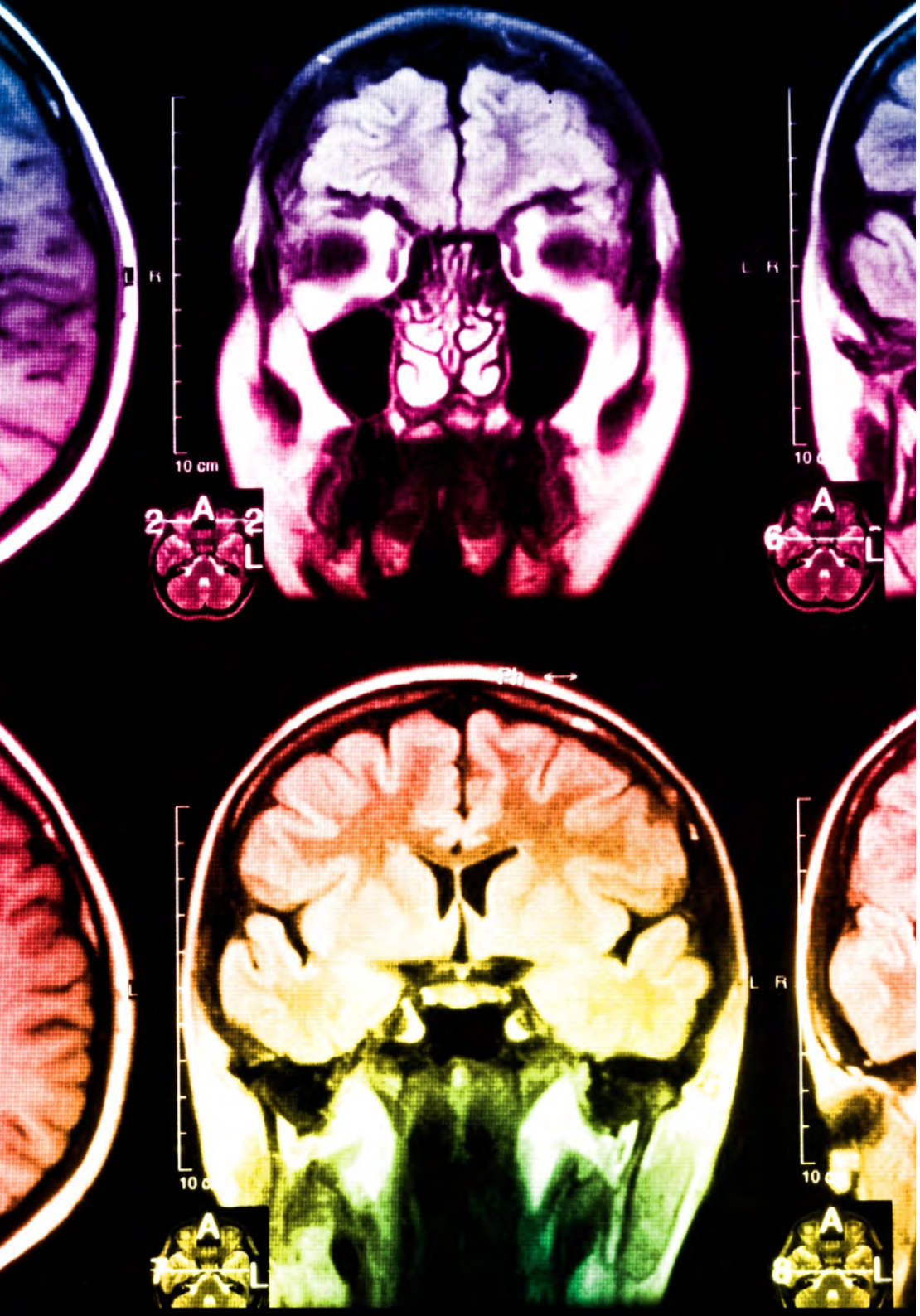
In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.

The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
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.



The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the quality of teaching, quality of materials, course structure and objectives is excellent. Not surprisingly, the institution became the best rated university by its students on the Trustpilot review platform, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.

As such, the best educational materials, thoroughly prepared, will be available in this program:

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.

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.

Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.

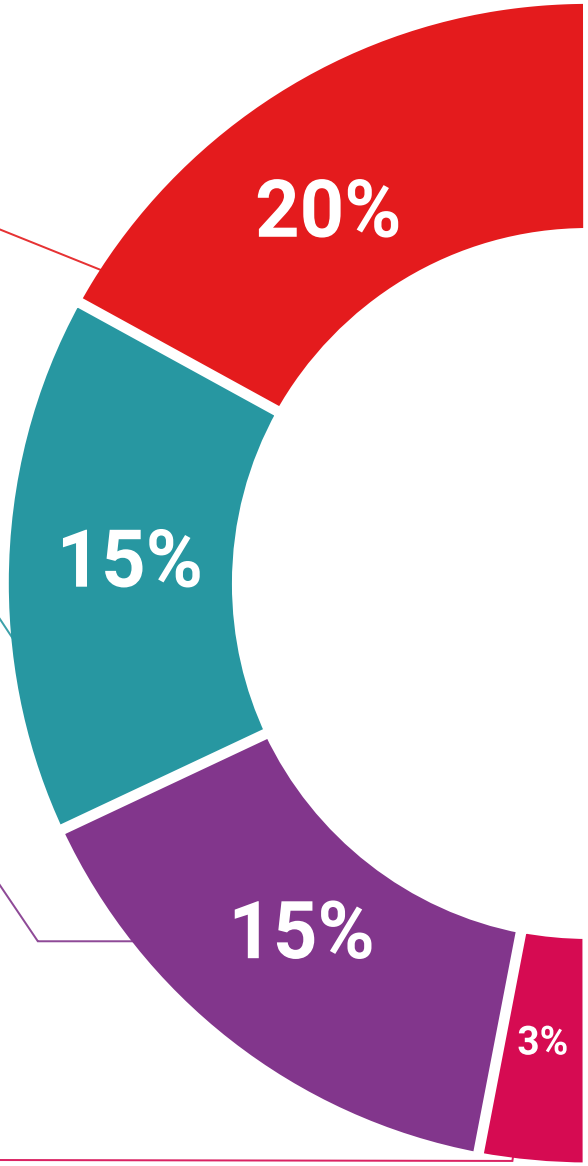
Interactive Summaries

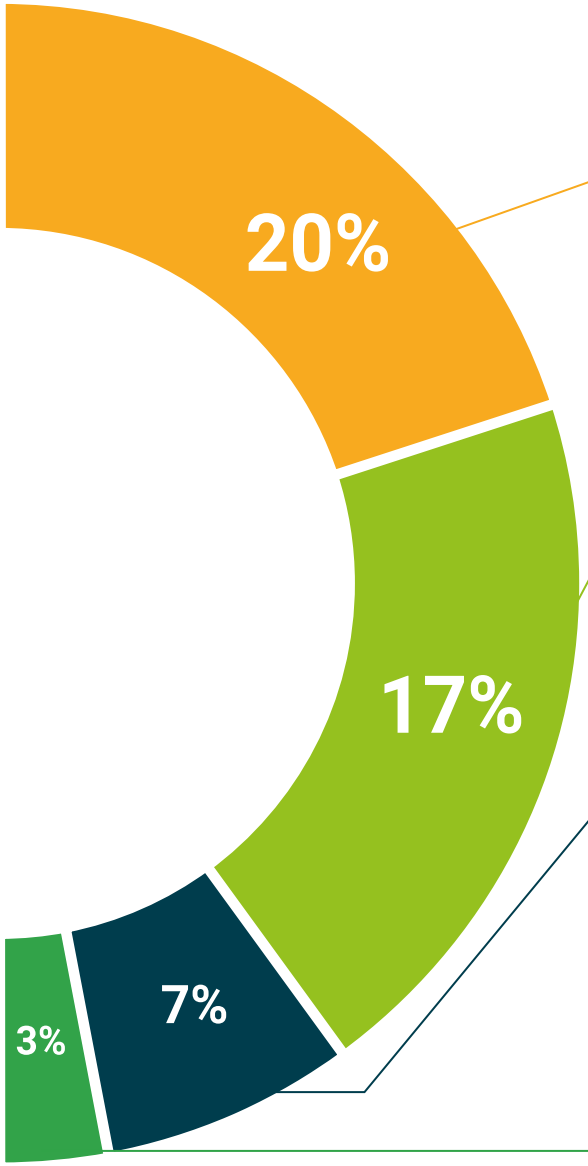
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content 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 education.





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.

Testing & Retesting

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

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 for future difficult decisions.

Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical and effective way to help students progress in their learning.

06

Certificate

This Postgraduate Diploma in Application of Artificial Intelligence Techniques for Machine Translation guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This private qualification will allow you to obtain a **Postgraduate Diploma in Application of Artificial Intelligence Techniques for Machine Translation** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra (***official bulletin***). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

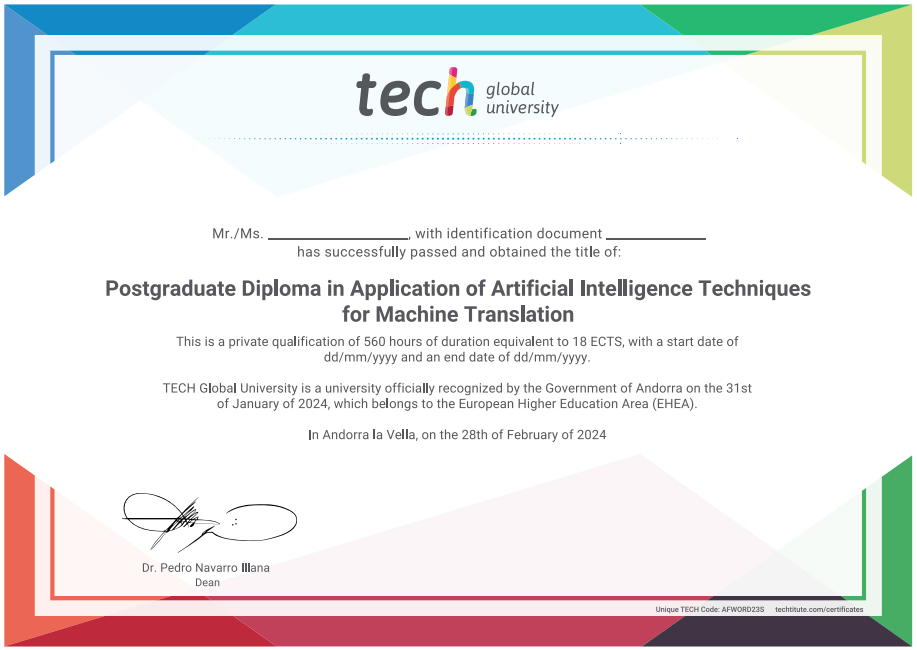
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Application of Artificial Intelligence Techniques for Machine Translation**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**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Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Diploma in Application of Artificial Intelligence Techniques for Machine Translation

This is a private qualification of 560 hours of duration equivalent to 18 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

Unique TECH Code: AFWORD23S techtitute.com/certificates

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

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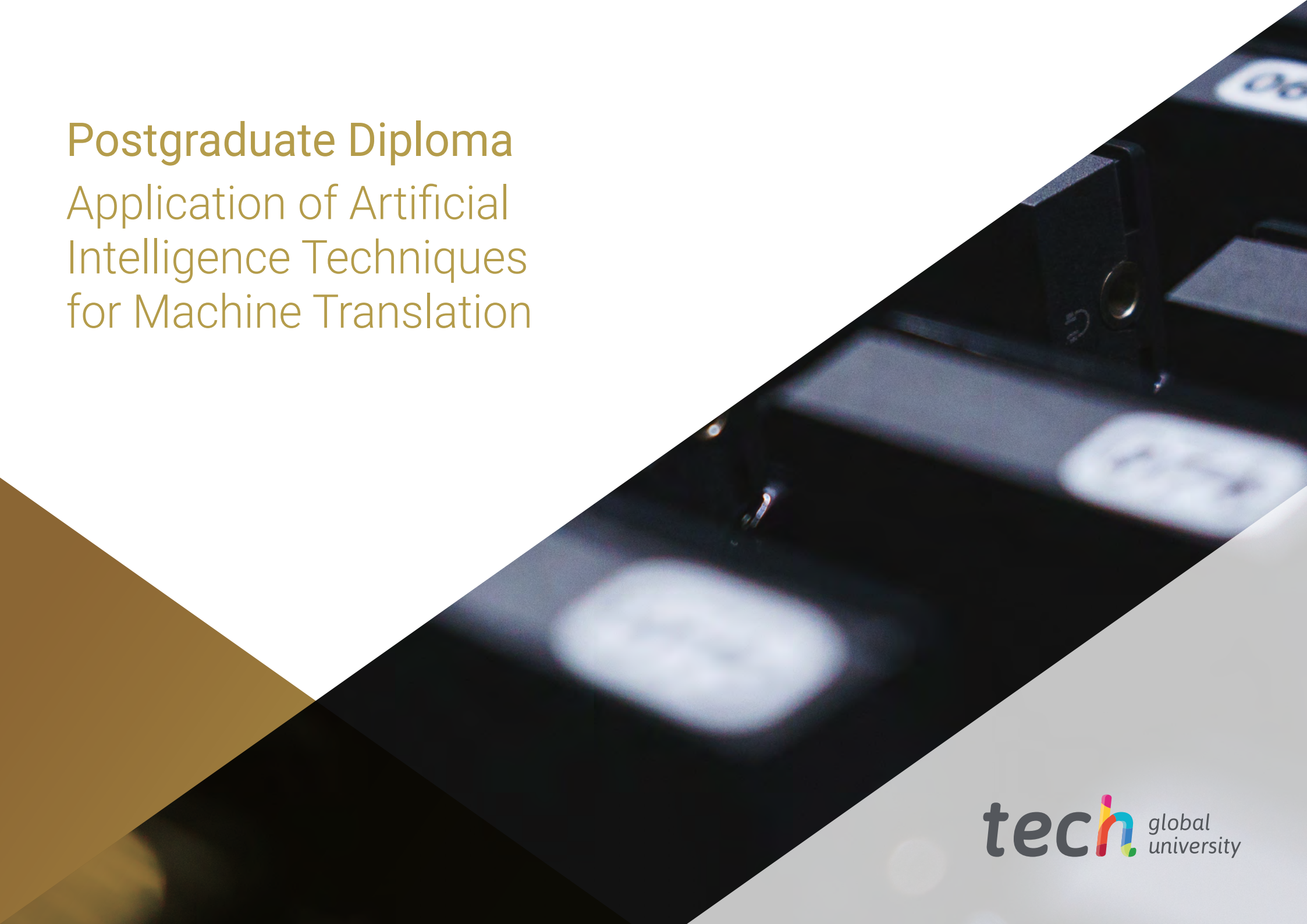
Postgraduate Diploma
Application of Artificial Intelligence Techniques for Machine Translation

- Modality: **online**
- Duration: **6 months**
- Certificate: **TECH Global University**
- Accreditation: **18 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Postgraduate Diploma

Application of Artificial Intelligence Techniques for Machine Translation



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