

Postgraduate Certificate

Motor Tasks in Brain Development

Endorsed by the NBA





Postgraduate Certificate Motor Tasks in Brain Development

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

Website: www.techtitute.com/us/sports-science/postgraduate-certificate/motor-tasks-brain-development

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01

Introduction

Over the years, a profound social and academic awareness has developed regarding the benefit of motor action in proper brain development. For this reason, actions such as walking, running, spinning, jumping or throwing a ball are a great source of learning and growth for children. That is why this is the main focus of the program, motor tasks and brain development. Professionals will be trained to understand these processes and help children from an early age.





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Learn to how to enhance brain development in children at an early age through motor action.

Children must have good motor development to perform normal activities such as walking, running, jumping, and doing sports, among others. Learning particular movements has a great impact on the brain and makes children absorb more information and remember it for longer, thus achieving better brain development.

For all these reasons, the program was created around Motor Tasks in Brain Development, based on new knowledge in brain science in order to put it into practice in a real teaching situation in sports or physical education.

Furthermore, it is a 100% online Postgraduate Certificate that provides students with comfortable study and ease, wherever and whenever they want it. All you need is a device with internet access to take your career one step further. A modality in accord with the current times and all the guarantees to position professionals in a highly demanded field.

This **Postgraduate Certificate in Motor Tasks in Brain Development** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Practical cases presented by experts in Neuroeducation.
- ♦ The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice.
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning.
- ♦ Special emphasis on innovative methodologies.
- ♦ 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.



Discover an exciting field in education and strengthen your skills to improve your teaching of sports competence.

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You will learn the relevance of cooperation through real cases and a neuroeducational perspective.

The program's teaching staff includes professionals from 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 training programmed to train in real situations.

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

Discover how to enhance brain development through motor action.

You will have at your disposal the best materials for didactic teaching, specially designed to lead you to professional success.



02

Objectives

To help students complete their academic updating, TECH has developed a series of objectives that focus on enabling the professional excellence of future graduates. For this reason, the course aims to discover how to enhance brain development in children through motor action. Several real cases will be studied during the program, which will be mixed with the latest and most rigorous information on the subject.





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Grow as a professional with the guarantees offered by a program focused on meeting the professional requirements in the field.



General Objective

- Discover how to enhance brain development through motor action.

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Learn about the relevance of children's cooperation and interaction from a neuroeducational perspective.





Specific Objectives

- Describe the role of motor action in the development of social health.
- Explain the social relationship in personal wellbeing.
- Explain the implication of mental health and interpersonal relationships.
- Define the relevance of cooperation from a neuroeducational perspective.

03

Course Management

The syllabus was put together by an excellent group of professionals with extensive experience in the field, joining together to create an academic program that includes everything students need to specialize in Motor Tasks in Brain Development, perfectly meeting the demands of today's labor market. This is what will ensure students the certainty of receiving the most updated and complete information, being able to almost immediately put everything they learn in each class into practice.





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It unifies theory and practice with the support of an excellent group of experts in children's motor development.

Management



Ms. Pellicer Royo, Irene

- ◆ Degree in Physical Activity and Sports Science
- ◆ Master's Degree in Medical Sciences applied to Physical Activity and Sport
- ◆ Certificate in Management and Administration of Sports Entities
- ◆ Master's Degree in Emotional Education and Well-being
- ◆ Postgraduate in Neuroeducation Learning to Our Full Power



Professors

Dr. De la Serna, Juan Moisés

- ♦ Director of the Open Forum in Psychology and Neurosciences and science communicator.
- ♦ University Specialist in Clinical Hypnosis
- ♦ Doctor in Psychology Master's Degree in Neurosciences and Behavioral Biology
- ♦ Diploma in Didactic Methodology
- ♦ Expert in Project Management Occupational Trainer

Dr. Navarro Ardoy, Daniel

- ♦ PhD Exercise Physiology Applied to Health
- ♦ Physical Activity and Health Program Faculty of Medicine
- ♦ 6-month research stay at Karolinska Institute Stockholm (Sweden)
- ♦ Degree in Physical Activity and Sports Science

Ms. Rodríguez Ruiz, Celia

- ♦ Degree in Pedagogy Degree in Psychology
- ♦ Specialization in Clinical Psychology and Child Psychotherapy
- ♦ Specialization in Cognitive Behavioral Therapy in Childhood and Adolescence

04

Structure and Content

Achieving academic excellence based on the knowledge of the best professionals is fundamental for TECH. The result is the creation of the most complete syllabus students can get on Motor Tasks in Brain Development. You will enjoy real learning situations that will turn you into a true expert in the field. And all of this, based on the best and most proven academic methodology on the market.





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Discover how children's brains learn through psychomotor development and discover new techniques for teaching sports.

Module 1. Motor practices that have an impact on brain development.

- 1.1. Body Wisdom
- 1.2. Aerobic Exercise
- 1.3. Anaerobic Exercise
- 1.4. Play
- 1.5. Muscular Strength
- 1.6. Coordination Activities
- 1.7. Relaxation and Meditation Activities
- 1.8. Expressive and Artistic Activities and Brain Development from a Social-Emotional Perspective
- 1.9. Natural Environment Activities and Brain Development
- 1.10. Global Proposals for Physical Neuroeducation





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With programs like this one you will be able to train with a high level group of experts to develop the skills you need in your professional practice.

05

Methodology

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

This teaching system is used in the most prestigious medical schools in the world, and major publications such as the ***New England Journal of Medicine*** have considered it to be one of the most effective.





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Discover Re-learning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization.

At TECH we use the Case Method

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

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



Our University is the first in the world to combine Harvard Business School case studies with a 100%-online learning system based on repetition.



A learning method that is different and innovative.

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



We are the only online university that offers Harvard materials as teaching materials on its courses.

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

The case method is the most widely used learning system by the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

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

Re-learning Methodology

Our University is the first in the world to combine Harvard University case studies with a 100%-online learning system based on repetition, which combines 8 different teaching elements in each lesson.

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

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

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Re-learning.

Our University 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 Spanish online university indicators.



In our program, learning is not a linear process, but rather a spiral (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

With this methodology we have trained more than 650,000 university graduates with unprecedented success. In fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

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

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

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



In this program you will have access to the best educational material, prepared with you in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is really specific and precise.

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



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

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



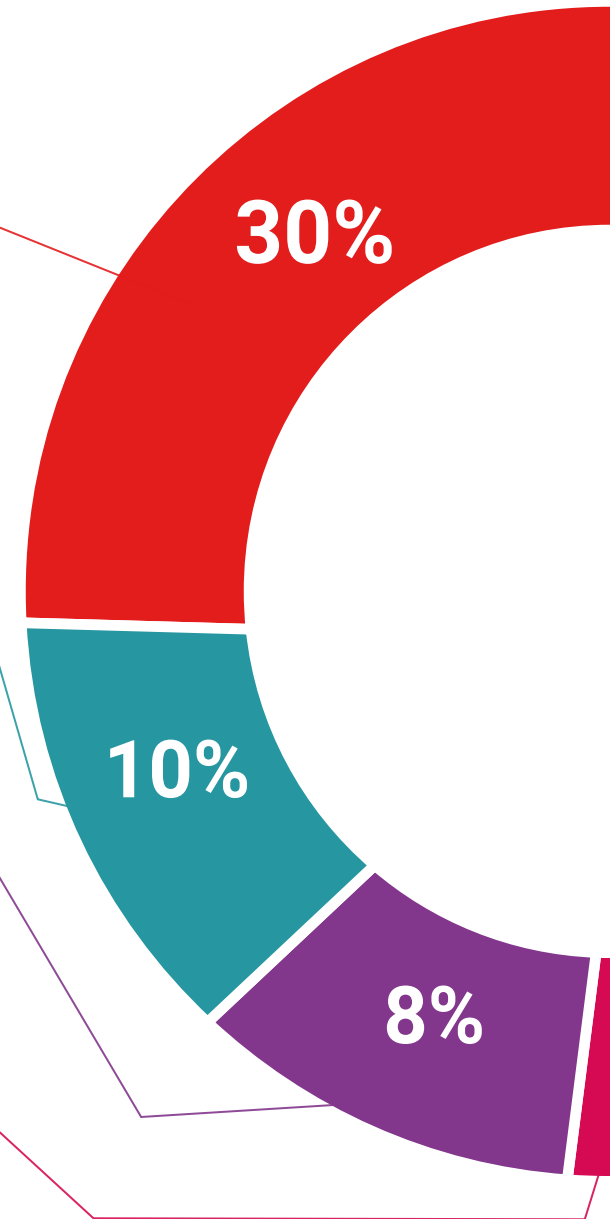
Practising Skills and Abilities

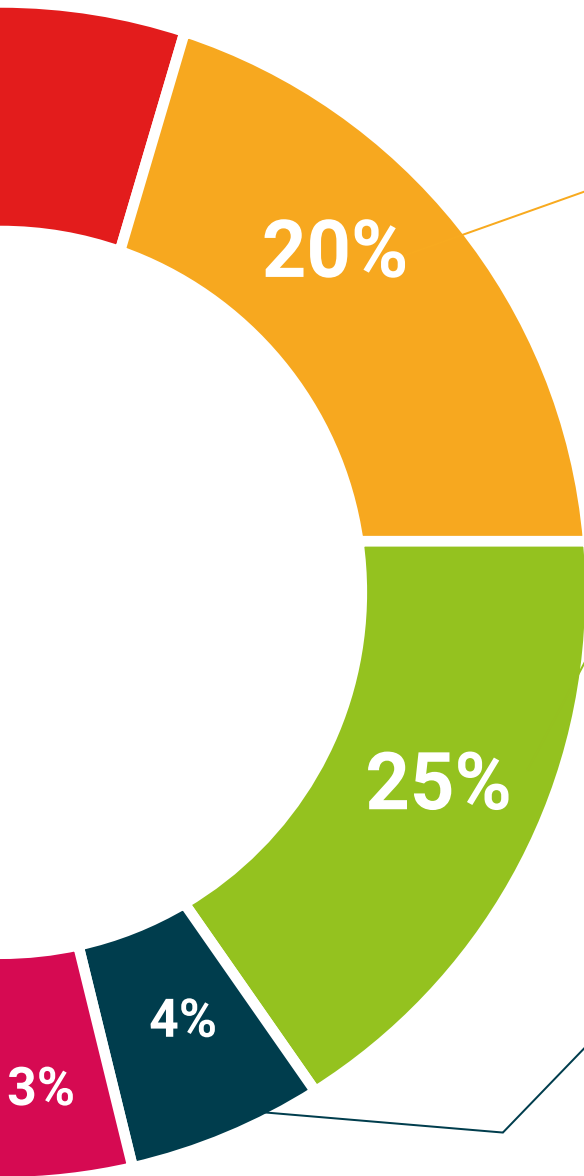
You will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization we live in.



Additional Reading

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





Case Studies

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



Interactive Summaries

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

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



Testing & Retesting

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



06

Certificate

The Postgraduate Certificate in Motor Tasks in Brain Development guarantees, in addition to a rigorous and updated training, access to a qualification issued by TECH - Technological University.





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Successfully complete this training and receive your university degree without travel or laborious paperwork.

This **Postgraduate Certificate in Motor Tasks in Brain Development** contains the most complete and up-to-date scientific 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 diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and will meet the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Motor Tasks in Brain Development**

Official Number of Hours: **150**

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

future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present
development language
virtual classroom



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