

Postgraduate Certificate

Treatment of Barrett's Esophagus





Postgraduate Certificate Treatment of Barrett's Esophagus

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-certificate/treatment-barrett-esophagus

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01

Introduction

Esophageal neoplastic lesions require a high level of specialization on the part of the medical team, as well as constant updating in the classification and staging of lesions and premalignant pathologies. This makes the specialist's up to date knowledge of surgical complications such as suture dehiscence and anastomotic stenosis crucial to maintain a high level of professional praxis. Thanks to this program, developed according to the latest scientific postulates in the field, the specialist will have access to the most innovative material regarding new endoscopic techniques for the treatment of premalignant lesions and advanced esophageal tumors.





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Delve into the lesions and premalignant pathologies of the esophagus with a teaching team that will give you access to the latest developments in this oncological area”

Since esophageal cancer is one of the 10 most common cancers worldwide, it is essential that the specialist keeps constantly up to date on complications such as Barrett's esophagus, treatment of superficial tumor lesions or cutting edge endoscopy in the treatment of advanced esophageal carcinomas.

For this reason, TECH has brought together a teaching staff that has combined the most significant advances of recent years with the latest research in esophageal prostheses, gastrostomies and submucosal lesions of the esophagus. All this makes up a compendium of updated knowledge useful for any specialist who wants to incorporate the most avant garde endoscopic methodology into their daily practice.

The didactic material is greatly enriched by case studies and multimedia content that reviews the management of post surgical complications and risk factors for the development of squamous cell carcinoma and adenocarcinoma, among other first level scientific information for the specialist.

The 100% online format of the degree also favors its adaptation to the most demanding work rhythms. to the most demanding work rhythms. The entire syllabus can be downloaded from any device with an internet connection, and the specialist himself decides when to study it, without sacrificing any aspect of their professional or personal life.

This **Postgraduate Certificate in Barrett's Oesophagus Treatment** contains the most complete and up to date scientific program on the market. The most important features include:

- ◆ The development of case studies presented by experts in Oncologic Endoscopy
- ◆ 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
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



The best teaching staff in the academic world will give you the most innovative keys to the endoscopic approach to esophageal tumor lesions"

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You will be accessing a program designed to cover all the professional updating needs you are looking for, with the necessary flexibility to study it at your own pace”

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.

Update your knowledge in the treatment and diagnosis of submucosal lesions, advanced esophageal carcinoma and Barrett's esophagus.

It continues to offer the best quality praxis, backed by the endorsement of an academic and professional team with great experience in the field of the digestive system.



02 Objectives

This degree offers the specialist a unique opportunity to incorporate the latest advances and requirements in oncologic pathologies of the esophagus in their daily practice, so the objective is to thoroughly update knowledge in this area. Thus, topics dedicated to Barrett's Esophagus, risk factors for the development of different oncologic pathologies and endoscopic characteristics of different tumor lesions are presented, among other vital issues for the specialist's update.





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With TECH you will achieve your professional goal of staying up to date thanks to a pioneering and avant-garde teaching methodology”



General Objectives

- ◆ Develop the medical professional about endoscopic techniques of gastrointestinal tumor pathology related to diagnosis, treatment and complications in order to improve the quality of patient care
- ◆ Deepen the knowledge of the most commonly used endoscopic techniques in oncologic pathology in order to optimize their use in routine clinical practice

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You will have at your disposal a whole team of professionals, technicians and academics who have made every effort to offer you the best possible content"





Specific Objectives

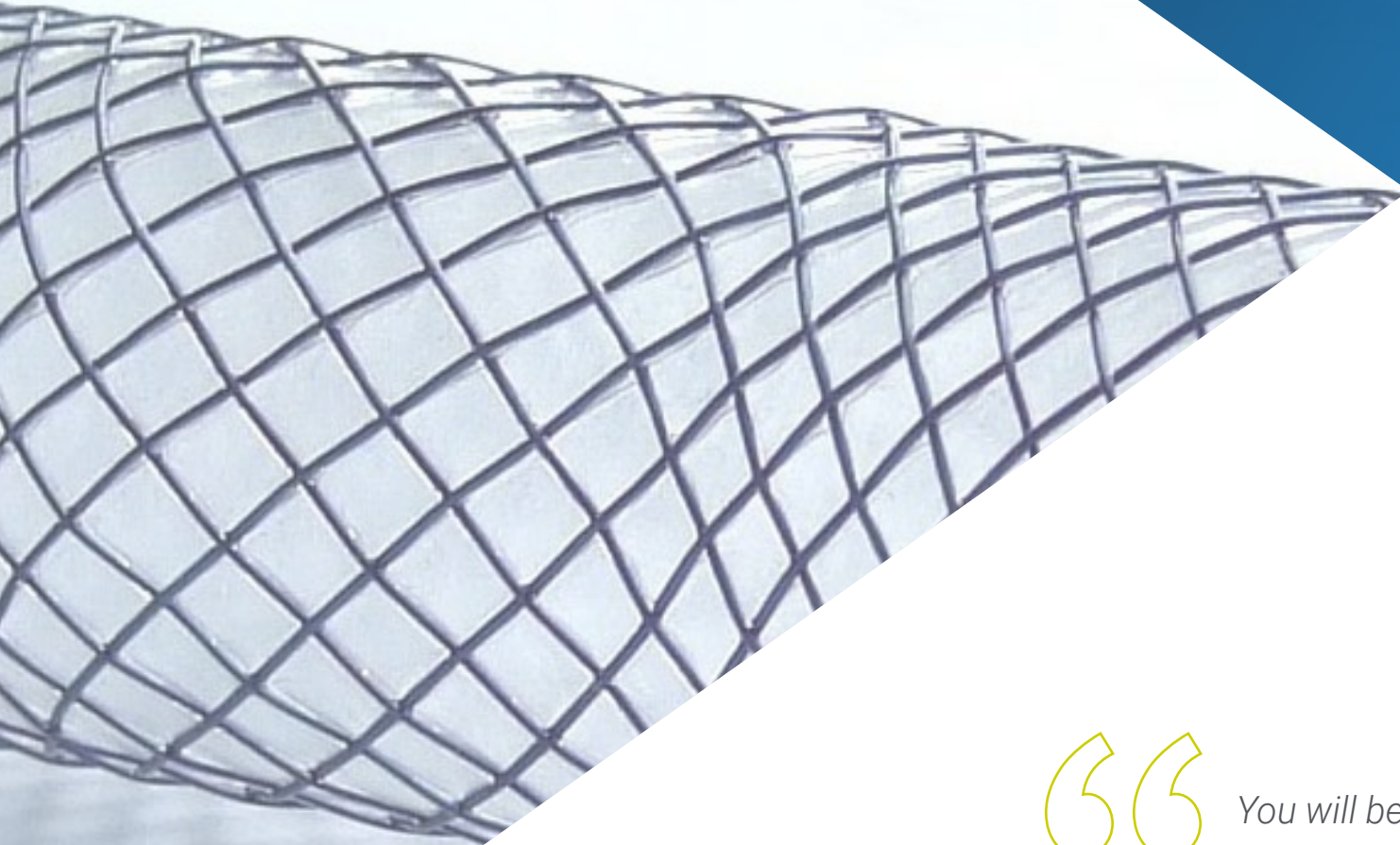
- ◆ Optimize the optical diagnosis of the different superficial esophageal neoplasms
- ◆ Master the different treatments available for Barrett's esophagus and their indication
- ◆ Understand the role of endoscopy in the management of post surgical complications such as suture dehiscence
- ◆ Control the different endoscopic treatments that can be performed depending on the lesions observed

03

Course Management

For this program, TECH has brought together a team of leading specialists in the digestive system, more specifically in the treatment and diagnosis of pathologies related to the esophagus. This teaching staff brings together the latest technological postulates and the most relevant scientific evidence to offer the specialist a complete update of all his knowledge in the area of treatment, diagnosis and follow up of esophageal oncologic pathologies.





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You will be accompanied by a teaching staff that has first hand knowledge of the most complex realities of esophageal tumor lesions of all types, providing you with a very useful refresher”

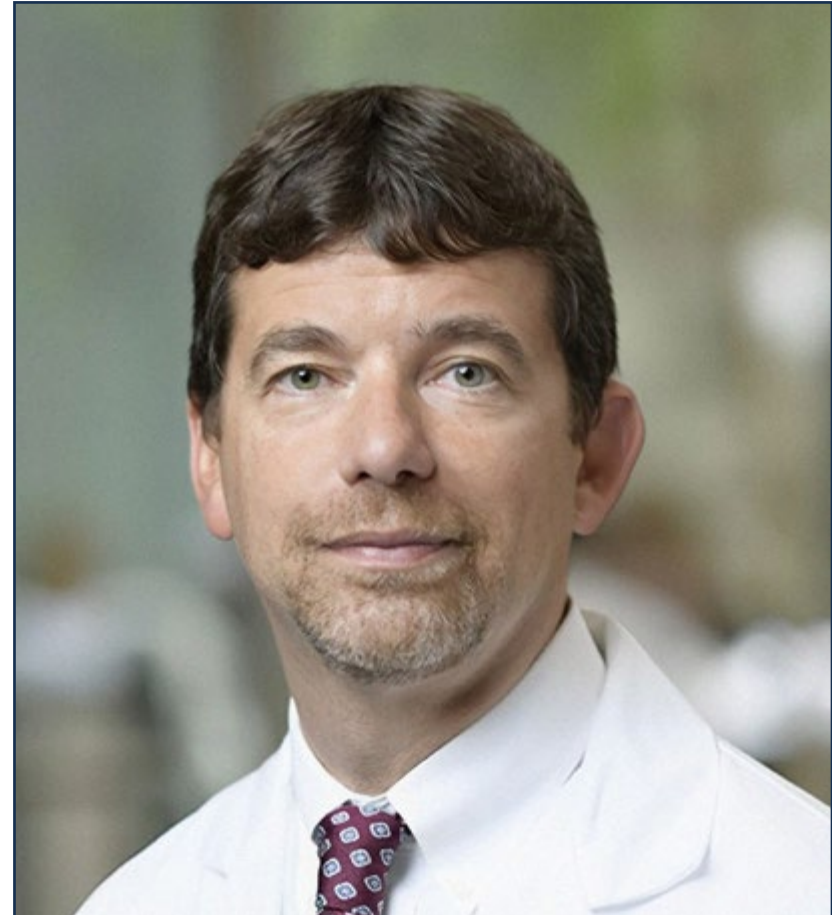
International Guest Director

Considered one of the most prestigious **gastroenterologists** worldwide, Dr. Mark Schattner has accumulated several awards for his active **research** and **clinical work**. Among other awards, he has been distinguished in the **Castle Connolly list** of the **best doctors** in the **United States** for several years and the magazine and international portal of **Top Doctors** have named him as one of the main experts in the **New York metropolitan area**. He also received the Nobility in Science Award from the National Pancreas Foundation of the US.

In addition, he has focused his established professional career on the approach to different **gastrointestinal tumors**. In particular, he is a reference in the diagnosis and therapeutic intervention of **Colon, Pancreatic and Esophageal Cancer**. In addition, he has experience in the management of the most advanced tools for the development of **Colonoscopies, Upper Digestive Endoscopies, Endoscopic Ultrasound, Cholangiopancreatography (CPRE), Polypectomy**, among others. At the same time, his name appears as author and co-author in almost a hundred scientific articles, published in journals of first academic impact.

For two decades, this physician has been linked to **Memorial Sloan Kettering Cancer Center**, becoming **Chief** of the **Gastroenterology, Hepatology and Nutrition Service**. However, the expert also has training stays in other renowned institutions, such as the Weill Cornell Medical Center Hospital in New York City. In addition, he holds an official certification in Gastroenterology from the American Board of Internal Medicine.

As for his training, Dr. Schattner completed a **bachelor's degree** at Brown University and subsequently completed his **fellowship** at the University of Pennsylvania. He has also been involved in academic consulting at Weill Cornell Medical College, teaching innovative content on the treatment of **Dysphagia, Ulcerative Colitis or Crohn's Disease and Fatty Liver Disease**.



Dr. Schattner, Mark

- ♦ Chief of the Gastroenterology, Hepatology and Nutrition Service, Memorial Sloan
- ♦ Kettering Cancer Center, New York, United States
- ♦ Residency at Weill Cornell Medical Center Hospital, New York City
- ♦ Professor of Clinical Medicine at Weill Cornell Medical College
- ♦ M.D. from the University of Pennsylvania
- ♦ B.S. Brown University
- ♦ Board Certified in Gastroenterology, American Board of Internal Medicine
- ♦ Nobility in Science Award from the National Pancreas Foundation

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

Management



Dr. Honrubia López, Raúl

- Digestive System Specialist at the Infanta Sofia University Hospital
- Resident intern at University Hospital La Paz
- Degree in Medicine and Surgery from the University of Alcalá de Henares
- PhD in Medicine and Surgery from the Autonomous University of Madrid
- Stay at the Cancer Center, Keio University School of Medicine in Japan



Dr. Bustamante Robles, Katherine Yelenia

- Medical specialist at Hermanas Hospitalarias de San Rafael Hospital
- Digestive System Specialist at the University Hospital La Paz
- Specialized training in echoendoscopy at the Hospital Clinic of Barcelona

Professors

Dr. Manceñido Marcos, Noemí

- ◆ Digestive System Specialist at the Infanta Sofia Hospital
- ◆ Member of the Inflammatory Bowel Disease Unit at the University Hospital La Paz
- ◆ Degree in Medicine and Surgery from the Autonomous University of Madrid
- ◆ Doctorate cum laude in Medicine from the Autonomous University of Madrid

Dr. García, Jose Santiago

- ◆ Digestive System Specialist at the the Puerta de Hierro University Hospital
- ◆ Honorary Professor at the University of Kent
- ◆ Degree in Medicine from the Complutense University of Madrid
- ◆ Research grant from Kobe University (Japan) in endoscopic submucosal dissection (ESD)

Dr. De Benito Sanz, Marina

- ◆ Specialist physician at the Río Hortega Hospital
- ◆ Graduate in Medicine and Surgery from the University of Valladolid

Dr. Agudo Castillo, Belén

- ◆ Digestive System Specialist at the the Puerta de Hierro University Hospital
- ◆ Endocoles clinical training instructor at the Puerta de Hierro Hospital
- ◆ Degree in Medicine from the Complutense University of Madrid
- ◆ Expert in Human Nutrition and Dietetics at the Antonio Nebrija University, European Institute of Business Studies

Dr. Burgueño Gómez, Beatriz

- ◆ Digestive System Specialist at the Río Hortega University Hospital
- ◆ Degree in Medicine and Surgery from the University of Valladolid
- ◆ PhD in Research in Health Sciences, University of Valladolid

04

Structure and Content

This program has been written and structured following today's most avant garde academic methodology, in which TECH is a pioneer. Thanks to Relearning, the specialist incorporates the most recent postulates in Oncologic Endoscopy of the esophagus to their daily practice in a gradual way, without making great efforts of time or study. This is a great advantage since, in addition to alleviating the teaching load, it guarantees that the specialist renews his practical methodology in a direct way.





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You will find a large amount of audiovisual material, interactive summaries and real clinical cases that will serve as a great support in your updating work"

Module 1. Oesophageal

- 1.1. Risk Factors for the Development of Epidermoid Carcinoma and Adenocarcinoma
- 1.2. Barrett's Oesophagus
 - 1.2.1. Microbiological
 - 1.2.2. Monitoring
- 1.3. Treatment of Barrett's Esophagus
 - 1.3.1. Indications
 - 1.3.2. Resection of Visible Lesions
 - 1.3.3. Radiofrequency
- 1.4. Endoscopic Features of Superficial Tumor Lesions
- 1.5. Treatment of Superficial Esophageal Tumor Lesions
- 1.6. Staging of Esophageal Carcinoma, Role of Echoendoscopy
- 1.7. Endoscopic Treatment of Advanced Esophageal Carcinoma
 - 1.7.1. Esophageal Prosthesis
 - 1.7.2. Gastronomy
- 1.8. Management of Postoperative Complications
 - 1.8.1. Anastomotic Stenosis
 - 1.8.2. Suture Dehiscence
- 1.9. Submucosal Lesions, Diagnosis and Treatment





“ You will maintain your high level of professional practice thanks to a detailed update on all the most relevant clinical and scientific aspects of esophageal oncologic endoscopy”

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.





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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"

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

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



According to Dr. Gervas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.

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

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

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate 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.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

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



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

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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.

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.

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



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.



Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



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".



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.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as Learning from an Expert strengthens knowledge and memory, and generates confidence in 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

The Postgraduate Certificate in Barrett's Oesophagus Treatment, in addition to the most rigorous and up to date training, access to a Postgraduate Certificate issued by TECH Global University.





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Successfully complete this training program and receive your diploma without travel or laborious paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Treatment of Barrett's Esophagus** 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** title 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 Certificate in Treatment of Barrett's Esophagus**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*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.

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



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