



TEXAS A&M INTERNATIONAL UNIVERSITY

Office of Continuing Education  
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### Education & Training Plan

## Electronic Health Records Management Certificate Program w/ Externship Texas A&M International University (TAMIU)

Student Full Name: \_\_\_\_\_

Start Date: \_\_\_\_\_ End Date: \_\_\_\_\_

**Program includes National Certification & a Clinical Externship Opportunity**  
**Mentor Supported**

### Electronic Health Records Management (EHRM) Certificate Program with Clinical Externship

Course Code: TAMIU-EH 06  
Program Duration: 4 Months  
Contact Hours: 375  
Student Tuition: \$3,000

#### **The Electronic Health Record Management Profession**

Access to health information is changing the ways doctors care for patients. With the nation's healthcare system moving to the electronic medical record, numerous employment opportunities exist for medical assistants, health information systems staff, patient registration professionals and other related positions. Healthcare professionals with the ability to understand, update and maintain the electronic health record are in great demand.

#### **The Electronic Health Record Management Program**

This program prepares students to understand and use electronic records in a medical practice. Course reviews the implementation and management of electronic health information using common electronic data interchange systems and maintaining the medical, legal, accreditation and regulatory requirements of the electronic health record.

This Electronic Health Record (EHR) Management program prepares students to understand and use electronic records in a medical practice. Course reviews the implementation and management of electronic health information using common electronic data interchange systems and maintaining the medical, legal, accreditation and regulatory requirements of the electronic health record. This course covers the following key areas and topics:

- Importance of the medical record as a legal document
- The effect of confidential communication laws, the release of information and HIPAA

- Provides a “real life” EHR experience using Medcin software to perform health information tasks
- Skills required to use and EHR to manage patient visit information including the examination, assessment notes and treatment plans.
- Importance of data accuracy, consistency, completeness, and security of information

### **Education and Certifications**

- Students should have or be pursuing a high school diploma or GED.
- There are no state approval and/or state requirements associated with this program.
- Students who complete this course are prepared for national certification:
  - **National Healthcareer Association (NHA) Certified Electronic Health Record Specialist (CEHRS) exam**

### **Electronic Health Record Management Detailed Course Information:**

- Overview of various healthcare delivery systems with an emphasis on content and documentation requirements of the health record in various healthcare settings
- Designed to provide students with “real life” computer experience using Medcin software and performing tasks in health information departments. Tasks include admission procedures, information retention and retrieval, data entry, chart assembly, data collection, abstracting, code sets, and the release of information
- Structural components of the interactive HER, how it supports communication and continuity of care, clinical standards such as SNOWMED CT, LOINC, and UMLS
- Importance of the medical record and the effect of confidential communication laws on the release of medical information such as protected health information and HIPAA
- Tasks include admission procedures, information retention and retrieval, data entry, chart assembly, data collection, code sets, and the release of information

### **National Certification**

Students who complete the Texas A&M International University (TAMIU) Electronic Health Records Management (EHRM) program will be prepared to sit for the National Healthcareer Association (NHA) Electronic Health Record Specialist Certification (CEHRS) exam. Although there are no state approval, state registration or other state requirements for this program, students who complete this Electronic Health Records Management (EHRM) program at TAMIU will be prepared and are eligible to sit for this national certification exam. Students who complete this program can and do sit for the NHA CEHRS national certification exam and are qualified, eligible and prepared to do so. TAMIU works with each student to complete the exam application and register the student to take their national certification exam.

### **Clinical Externship / Hands on Training / Practicum**

Although not a requirement of this program, once students complete the Electronic Health Records Management (EHRM) program they have the ability to participate in a clinical externship and/or hands on practicum so as to practice the skills necessary to perform the job requirements of a EHRM professional. Students will be assisted with completing a resume and/or other requirements necessary to work in a hospital, physicians practice, clinic and/or with other healthcare organizations. All students who complete this program are eligible to participate in an externship and will be placed in a healthcare organization near their location. TAMIU works with national healthcare organizations and has the ability to place students in clinical externship opportunities nationwide.

**TAMIU contact:** If students have any questions regarding this program including national certification and externships, **they should call Jacqueline Arguidegui of Texas A&M International University at 956-326-3068 or via email at [ce@tamiu.edu](mailto:ce@tamiu.edu).**

**Note:** No refunds can be issued after the start date published in your Financial Award document.



## About Texas A&M International University

**Welcome to TAMIU!** Texas A&M International University (TAMIU) is an international university, poised at the Gateway to Mexico and serving as the cultural and intellectual hub of a vibrant bilingual and bicultural community. A Member of The Texas A&M University System, TAMIU provides nearly 7000 students with a learning environment anchored by the highest quality programs built on a solid academic foundation in the arts and sciences. To fulfill its mission, the University offers a range of baccalaureate, masters and certificate programs. Programs focus on developing undergraduate and graduate offerings with a progressive international agenda for global study and understanding across all disciplines.

**OUR MISSION:** The mission of the Office of Continuing Education is to engage the public by improving the quality of life through academic courses, facilitating conferences and workshops, providing personal enrichment courses, professional certificate and certification programs, facilitating CE Units, community outreach endeavors, and facilitating camps and programs for minors throughout the year.

<http://www.tamtu.edu>



## Texas A&M International University and Pearson Education

Texas A&M International University Continuing Education / Extension (CEE) division eLearning programs were developed in partnership with Pearson Education to produce the highest quality, best-in-class content and delivery necessary to enhance the overall student learning experience, boost understanding and ensure retention. Pearson Education is the premier content and learning company in North America offering solutions to the higher education and career training divisions of colleges and universities across the country aimed at driving quality education programs to ensure student success. Please visit us at [www.pearson.com](http://www.pearson.com).

## About Pearson Education

Welcome to Pearson. We have a simple mission: to help people make more of their lives through learning. We are the world's leading learning company, with 40,000 employees in more than 80 countries helping people of all ages to make measurable progress in their lives. We provide a range of education products and services to institutions, governments and direct to individual learners, that help people everywhere aim higher and fulfil their true potential. Our commitment to them requires a holistic approach to education. It begins by using research to understand what sort of learning works best, it continues by bringing together people and organizations to develop ideas, and it comes back round by measuring the outcomes of our products.

## Lesson Checklist

Each lesson includes a prescribed checklist of activities for successful completion of the lesson. This includes lesson objectives, readings, and recommended assignments. Although assignments are optional, they are particularly critical in this course. The course mentor will provide feedback on submitted assignments.

## Course Materials:

- Electronic Health Records text
  - Note:** You must install the Medcin Student Edition of the software on a PC. The installation CD is packaged with this textbook. The software is not compatible with a Mac.
- Health Information Technology and Management text

## Module/Lesson Structure

The Electronic Health Record Specialist program is divided into five main content modules. Each module contains one or more lesson presentations to view. These lesson presentations are the “lectures” which, along with the textbook readings and resources, will help you learn the material. The lesson presentations address a variety of learning styles and preferences using text, audio, video, etc. Each lesson contains at least one *Check Your Understanding* interactive self-assessment that will help you gauge your comprehension of that lesson’s content. Many lessons include supplemental resources such as games, animations, videos, and interactive activities. Using these additional materials will deepen your understanding of the content. Each module has a Module Test (the last Module concludes with a Final Exam for all students).

## Course Overview

### Module 1 – Healthcare Information and Systems

- Lesson 1 – Healthcare Facilities and Professionals
  - Reading Assignment:
    - Health Information Technology and Management - Chapter 1 (pp. 1-21)
    - Health Information Technology and Management - Chapter 2 (pp. 22-41)
- Lesson 2 – Accreditation, Regulation, and HIPAA
  - Reading Assignment:
    - Health Information Technology and Management - Chapter 3 (pp. 42-73)
- Lesson 3 – Fundamentals of Information Systems and Healthcare Records
  - Reading Assignment:
    - Health Information Technology and Management - Chapter 4 (pp. 74-95)
    - Health Information Technology and Management - Chapter 5 (pp. 98-126)
- Lesson 4 – Comparison of Paper and Electronic Records
  - Reading Assignment:
    - Health Information Technology and Management - Chapter 6 (pp. 127-151)
    - Health Information Technology and Management - Chapter 7 (pp. 152-181)
- Lesson 5 – Additional Health Information Systems
  - Reading Assignment:
    - Health Information Technology and Management - Chapter 8 (pp. 182-204)

### Module 2 – Administrative Medical Assisting

- Lesson 6 – Healthcare Coding and Reimbursement
  - Reading Assignment:
    - Health Information Technology and Management - Chapter 9 (pp. 207- 236)
- Lesson 7 – Healthcare Transactions and Billing
  - Reading Assignment:
    - Health Information Technology and Management - Chapter 10 (pp. 237- 259)
- Lesson 8 – Statistics, Research, and Quality Management

- Reading Assignment:
- Health Information Technology and Management - Chapter 11 (pp. 260- 282)
- Health Information Technology and Management - Chapter 12 (pp. 283- 300)
- Lesson 9 – Electronic Health Records: An Overview
  - Reading Assignment:
  - Electronic Health Records - Chapter 1 (pp. 1-34)

### **Module 3 – An Introduction to Medical Record Software**

- Lesson 10 – Functional EHR Systems
  - Reading Assignment:
  - Electronic Health Records – Chapter 2 (pp. 35-76)
- Lesson 11 – Learning Medical Record Software
  - Reading Assignment:
  - Electronic Health Records - Chapter 3 (pp. 77-117)
  - Electronic Health Records - Chapter 4 (pp. 118-151)

### **Module 4 – Using Medical Record Software**

- Lesson 12 – Data Entry at the Point of Care
  - Reading Assignment:
  - Electronic Health Records - Chapter 5 (pp. 152-195)
- Lesson 13 – Understanding Electronic Orders
  - Reading Assignments:
  - Electronic Health Records - Chapter 6 (pp. 196-253)
- Lesson 14 – Problem Lists, Results Management, and Trending
  - Reading Assignment:
  - Electronic Health Records - Chapter 7 (pp. 261-300)
- Lesson 15 – Data Entry Using Flow Sheets and Anatomical Drawings
  - Reading Assignment:
  - Electronic Health Records - Chapter 8 (pp. 301-341)

### **Module 5 – Using the EHR**

- Lesson 16 – Using the EHR to Improve Patient Health
  - Reading Assignment:
  - Electronic Health Records - Chapter 9 (pp. 342-374)
- Lesson 17 – Privacy and Security of Health Records
  - Reading Assignment:
  - Electronic Health Records - Chapter 10 (pp. 375-416)
- Lesson 18 – Using the Internet to Expedite Patient Care
  - Reading Assignment:
  - Electronic Health Records - Chapter 11 (pp. 417-463)
- Lesson 19 – EHR Coding and Reimbursement
  - Reading Assignment:
  - Electronic Health Records - Chapter 12 (pp. 464-518)

**Note: This program can be completed in 4 months. However, students will have online access to this program for a 24-month period.**

## **MICROSOFT OFFICE Module**

- Use an integrated software package, specifically the applications included in the Microsoft Office suite
- Demonstrate marketable skills for enhanced employment opportunities
- Describe proper computer techniques for designing and producing various types of documents
- Demonstrate the common commands & techniques used in Windows desktop
- List the meaning of basic PC acronyms like MHz, MB, KB, HD and RAM
- Use WordPad and MSWord to create various types of documents
- Create headings and titles with Word Art
- Create and format spreadsheets, including the use of mathematical formulas
- Demonstrate a working knowledge of computer database functions, including putting, processing, querying and outputting data
- Define computer terminology in definition matching quizzes
- Use the Windows Paint program to alter graphics
- Use a presentation application to create a presentation with both text and graphics
- Copy data from one MS Office application to another application in the suite
- Use e-mail and the Internet to send Word and Excel file attachments
- Demonstrate how to use the Windows Taskbar and Windows Tooltips
- Explain how copyright laws pertain to data and graphics posted on the Internet
- Take the college computer competency test after course completion
- Follow oral and written directions and complete assignments when working under time limitations

**Note:** Although the Microsoft Office Module is not required to successfully complete this program, students interested in pursuing free Microsoft MOS certification may want to consider completing this Microsoft Office Module at no additional cost.

### **System Requirements:**

#### **Windows Users:**

- Windows 8, 7, XP or Vista
- 56K modem or higher
- Soundcard & Speakers
- Firefox, Chrome or Microsoft Internet Explorer

#### **Mac OS User:**

- Mac OS X or higher (in classic mode)
- 56K modem or higher
- Soundcard & Speakers
- Apple Safari

#### **iPad Users:**

- Due to Flash limitations, eLearning programs are NOT compatible with iPads

#### **Screen Resolution:**

- We recommend setting your screen resolution to 1024 x 768 pixels.

#### **Browser Requirements:**

- System will support the two latest releases of each browser. When using older versions of a browser, users risk running into problems with the course software.
  - Windows Users: Mozilla Firefox, Google Chrome, Microsoft Internet Explorer
  - Mac OS Users: Apple Safari, Google Chrome Mozilla Firefox

#### **Suggested Plug-ins:**

- Flash Player
- Real Player
- Adobe Reader
- Java