Course Description:
History of Health Information Technology
HITT 1312

***** Note to Student *****

Student Success is our number one priority at Coastal Bend College and we realize that prompt, effective communication plays a significant role in achieving that goal. It is vitally important that you have the proper contact information for your instructor. This should include their phone number, email address, and if applicable, their office number, and office hours. If you ever have any problems contacting your instructor, or do not receive a prompt response to your inquiries, please contact the Assistant Dean of Workforce Training, or the Dean of Workforce, as soon as possible. Their contact information is provided below:

Julia Garcia, Dean of Workforce Training (830) 569-4222 X1202 jgarcia *@coastalbend.edu*	*Noemi Aguilar, Assistant Dean of Workforce Training* (361) 354-2306 aguilar@coastalbend.edu
	Coordinator of Professional Services: Juanita Dominguez: (361) 664-2981 X 3028 *juanita@coastalbend.edu*

We wish you all the best in your education and encourage you to contact us if you have any questions or concerns.

Keeping student success in sight, faculty in each of the courses will review with students, course information with specific reading schedules, assignments, and testing information during the first week of class. Additionally, the course information will be posted to Blackboard (THECB 60x30TX compliance).

Course Description:
The course traces the development of IT systems in health care and public health, beginning with the experiments of the 1950s and 1960s and culminating in the HITECH Act. It also studies how health care policy developed during the same time period as a reflection of developments in technology.

Semester Hours Credit: 3

Lecture Lab Hours 2 / 4

Prerequisite: None

Text: Introduction to U.S. Health Policy: The Organization, Financing, and Delivery of Health Care in America, 4rd Ed., Paperback, Donald Barr, M.D., Ph.D. John Hopkins University Press, ISBN 9781421420738

Articles and web pages as identified in the course are part of the texts of the course and are provided as links in Blackboard.

Teaching Methods:
Class is taught using Lecture, Class assignments, assessments [tests], and a written report.

End of Course Outcomes: Upon successful completion of this course the student will:
1. Explain the rationale for elements of the HITECH Act in terms of the history of health IT;
2. Describe the background of today's health care policy landscape including EHR, HIE, CDS, applications in Public Health, and relevant professional organizations;
3. Describe the history of Health IT and the electronic health record in the U.S.;
4. Describe how legislation related to privacy and security of electronic health information has evolved in the U.S.;
5. Discuss evolution of health care policy in the United States.

Evaluation Methods:
1. Exams and Discussion based questions.
2. A written essay of 3 -5 pages, to include referenced sources of information.
3. Laboratory Exercises
4. Classroom Lectures {unless the course is taught Internet only}

Student Learning Outcomes:
The students will utilize _critical thinking skills_ by analyzing the history of technology and health care policy related to health care delivery and payment, demonstrate _inquiry skills_ in doing research to understand how health care policy has developed in the United States and its relation to information technology, and _synthesis_ of information in being able to collect information and write a short paper that includes information about a given topic.

Assessment: Lectures
The assessment will be conducted by writing a short, 3-5 page paper on a topic related to health information technology.

Target: Lectures
At least 90% of the student will score 75% or higher on the paper. A successful paper will be grammatically correct, clearly formatted, and accurate as to information, and show that the student has thought about and analyzed the information.

Assessment: Laboratory
The assessment is done by a short discussion question covering the topic of the relationship of technology to nursing care.

CORE VALUES

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At all times, in all ways, the student is at the heart of all we do.

Target: Laboratory

At least 90% of the student will score 75% or higher on the discussion question.

Week	Class - Lecture Topic	Assignments / Assessments / Module Exams
1.	History of Computers and the Electronic Health Record Evolution: Early Years and Modern Era	Each chapter will have a test consisting of short answer questions about the content of the chapter.
2.	Introduction – HIPAA, HITECH and Breach Computer Architecture Evolution: HITECH Act	A short paper on a topic related to HIPPA is the mid-term exam.
3.	The Privacy team Computer Networks Evolution: Public Health Informatics	A short paper related to a topic in the Barr book is the final exam.
4.	The Security team The Internet Evolution: Nursing Informatics	Also in each paper is to be included a discussion of the relation of the topic to the role of the Health Information Technician.
5.	Introduction to Health Policy Database Fundamentals Evolution: History of EHR	
6.	The Affordable Care Act Numbers and Data in Computers Evolution: History Clinical Decision Support	
7.	Health Care and the Market Economy Data Structures in Computers Evolution: CPOE and E-Prescription	
8.	Health Care and Culture Operating Systems in Computers Evolution: History of HIE	
9.	Health Professions and Organization Computer Programming Evolution: History Privacy and Security	
10.	HMOs and Managed Care Evolution: Software Certification	

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11.	Medicare and Medicaid Evolution: Mobile Computing	
12.	The Uninsured and For-Profit Health Care Evolution: Telemedicine	
13.	Long Term Care and Pharmaceutics and Prescription Drug Cost Evolution: Quality Improvement and Patient Safety	
14.	Key Policy Issues and the Direction of Health Care Evolution: Payment Issues and HIT	
15.	The Future Direction / Prologue to Reform Evolution : History of Health IT Organizations	

Technical Support:

Email Support:	helpdesk@coastalbend.edu cabrigo@coastalbend.edu ycharles@coastalbend.edu
Telephone Support:	**866-722-2838 ext. 2508 (Toll Free)** **361.354.2508 (Direct Line)**
Live Chat:	**Fall/Spring Hours: Monday-Thursday 8 a.m. to 8 p.m.; Friday 8 a.m. to 5 p.m.** **Summer Hours: Monday-Thursday 7 a.m. to 6 p.m.**

Tutoring Services: Coastal Bend College offers free tutoring services to all CBC students who need academic assistance. Services include One-on-One, Group, and Online tutoring to all current CBC students. The Tutoring Coordinator's office is at CBC-Beeville in the Student Success Center (SSC), Room 140 which is in the R.W. Dirks building. The SSC's hours of operation are Monday -Thursday from 8 am – 8 pm. Tutoring services are also available at all the CBC site locations and students can visit the site's SSC. For questions regarding tutoring services, please contact the CBC Tutoring Coordinator at (361) 354-2838 ext. 2578 or visit us at our website at: http://coastalbend.edu/tutoring/.

Beeville	Alice	Kingsville	Pleasanton
3800 Charco Road **Beeville, TX 78102** **1-866-722-2838**	704 Coyote Trail Alice, TX 78332 1-866-891-2981	1814 Brahma Blvd. Kingsville, TX 78363 1-866-262-1615	1411 Bensdale Pleasanton, TX 78064 1-866-361-4222

Grady C. Hogue Learning Resource Center (Library): Located on the Beeville campus, the operation hours are Monday - Thursday 8:00 a.m. - 6:00 p.m.; Friday 8:00 a.m.- 5:00 p.m.

(Summer semesters will observe the CBC campus operation hours.) For locations and hours of CBC library in Alice, Kingsville, and Pleasanton sites please visit the library web page links below.

Grady C. Hogue Learning Resource Center (Library): http://lrc.coastalbend.edu/about
Online Catalog : http://lrc.coastalbend.edu/catalog
Library Website: http://lrc.coastalbend.edu/about
Hours and Locations: http://lrc.coastalbend.edu/hours

Pleasanton Public Library: https://pleasanton.biblionix.com/
115 N. Main St., Pleasanton, TX 78064
Monday – Friday 9:00 a.m. – 6:00 p.m.
Saturday 9:00 a.m. – 1:00 p.m.

Financial Aid: Resources are available for students for financial aid, work study, and veteran benefits. For additional information, visit our website at www.coastalbend.edu/finaid or contact us at 361-354-2238. Office hours: Monday-Thursday 7-6 and Friday 8-5 *(THECB 60x30TX compliance.)*

ADA Statement: No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the College District, or be subjected to discrimination by the College District. Nor shall the College District exclude or otherwise deny equal services, programs, or activities to an individual because of the known disability of an individual with whom the individual is known to have a relationship or association. 42 U.S.C. 12132; 28 CFR 35.130(g).

See at: GA (Legal)

Students with Disabilities: Please notify your instructor of any modification/adaptation you may require to accommodate a disability-related need. You will need to provide documentation to the Director of Student Services so the most appropriate accommodations can be determined. Specialized services are available through the Office of Disability Services (SSB 4.104, 471-6259). For more information contact (361) 354-2300.

Scholastic Dishonesty: Each student is charged with notice and knowledge of the contents and provisions of Coastal Bend College's rules and regulations concerning student conduct. All students shall obey the law,

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show respect for properly constituted authority, and observe correct standards of conduct. Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by Coastal Bend College Policies FLB (Local) and FM (Local). Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion.

Use of E-mail for Official Correspondence to students: All students should be familiar with the college's official email student notification policy. Students are expected to check their CBC email on a frequent and regular basis to stay current with college-related communications, recognizing that certain communications may be time-critical. CBC email format: last name with last four digits of social security number @study.coastalbend.edu and password is your student ID
(ex. cougar1234@study.coastalbend.edu).

Copyright Law and Intellectual Property Rights Policy: Copyright is the right of an author, artist, composer or other creator of a work of authorship to control the use of his or her work by others. Protection extends to literary works, musical works, dramatic works, pantomimes and choreographic works, pictorial and graphic works, sculpture, motion pictures and other audiovisual works, sound recordings and architectural works. Generally speaking, a copyrighted work may not be reproduced by others without the copyright owner's permission. The public display or performance of copyrighted works is similarly restricted. Generally, the unauthorized reproduction, performance or distribution of a copyrighted work is copyright infringement and may subject the infringer to civil and criminal penalties. The Fair Use Doctrine outlines exceptions to this Law and is outlined in Coastal Bend College Policy, CT (Legal).

Coastal Bend College, its faculty, students and employees must comply with Copyright Law. Detailed information on Copyright Law and Intellectual Property Rights is available in Coastal Bend College Policy CT (Legal) and CT (Local).

Questions regarding this information should be directed to the Director of Library Services at: library@coastalbend.edu or the Office of Marketing and Public Relations at: socialmedia@coastalbend.edu.

Intellectual Property: Student /Third Party Works: Rights to copyrightable or patentable works created by a student or a third party, that is, not a College District employee, shall reside with the author/ creator. Detailed information on Copyright Law and Intellectual Property Rights is available in Coastal Bend College Policy CT (Legal) and CT (Local).

Questions regarding this information should be directed to Library Services at: library@coastalbend.edu.

NOTE: The College website (www.coastalbend.edu) serves as the main source with the most current version of the Coastal Bend College Board Policies and the Coastal Bend College Catalog.