

COURSE SYLLABUS HIM 6685 Electronic Health Records and Clinical Support Systems

GENERAL INFORMATION

PROFESSOR INFORMATION

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COURSE DESCRIPTION

This course explores the central role of electronic health record (EHR) systems in today's health care practices. Due to the complex integration of the EHR across so many of the fundamental operations of a provider's practice, the course will cover a wide array of topics and will involve readings from a number of current documents that apply to EHRs. The course is intentionally broad to provide a comprehensive perspective on the integration of EHRs into American health care.

The course will be presented in three general subject areas. The first area will examine the fundamental mechanics of an EHR, how it fits into the provider's practice and how it supports the management and retrieval of clinical information. The second section will take a broader perspective on how the EHR fits into a health care regulatory and technical setting. This section will look at government policies and programs driving EHR adoption, then cover issues of interoperability between EHRs for the coordination of care and the important concerns of privacy and security. The last section will cover the use of clinical data held in the EHR for analytics and for evaluating health outcomes.

The class will start with a functional discussion the EHR, distinguishing the practice management system from the clinical repository and introducing the concepts of EHR usability and user satisfaction. The discussion will then move to implementing EHRs in an ambulatory provider's practice, and will cover EHR implementation planning and change management, changing from a paper to an electronic environment, the assessment of workflow issues and clinical versus administrative training needs. Next on the agenda are the health information management standards embedded in EHRs, which include ICD-9, ICD-10 and CPT4 coding, e-prescribing based on NCPDP standards and standardized vocabularies such as LOINC and SNOMED CT.

The next area to be covered will begin with important Government regulatory policies that drive the adoption of EHRs; this will include the requirements for certification of EHRs, Meaningful Use and the EHR Incentive

Program. The discussion will then cover the important issue of Interoperability of EHRs using health information exchange, direct secure messaging and personal health records. The discussion will also include interoperable data standards such as the continuity of care record (CCR) and the continuity of care document (CCD) and various transmission standards such as HL7 and XML. The course will then introduce privacy and security of EHRs, covering the HIPAA Security Rule, Risk Assessment and the NIST Risk Framework.

The last section of the class will examine the use of clinical data from the EHR for analytical purposes, such as revenue cycle management and population health. It will then discuss health outcomes related to using EHRs such as the reduction of medical errors and ensuring quality health outcomes. At the end of the class, participants should have a comprehensive view of the central role of EHRs in the transformation of health care today.

COURSE OBJECTIVES

After completing this course, students will be able to

- Evaluate the usability and functionality of an EHR and Practice Management system for a physician practice, assess the office workflow and develop a strategic plan for implementing the EHR and training the office staff.
- Assist a physician practice in attesting for Meaningful Use and reporting Clinical Quality Measures under the Physician Quality Reporting System.
- Explain federal government policies and programs that promote and incentivize the adoption of EHRs to a lay person with no knowledge of health care.
- Identify the different requirements for interoperability using health information exchange and the different standards for transmitting documents between EHRS.
- Understand the requirements for maintaining the security and confidentiality of protected health information based on HIPAA regulations and be able to conduct a risk assessment in a physician practice.
- Identify standards for coding diagnoses, procedures and vocabularies for semantic interoperability of EHRs.
- Explain the basics of revenue cycle management to help a physician or office manager understand how the use of an EHR can improve the revenue flow in a physician practice.
- Understand and use the clinical data collected by an EHR for public health reporting and health care analytics to evaluate health outcomes.

MAJOR & CURRICULUM OBJECTIVES TARGETED

Learning Objectives: Upon completion of the course, the student should have an understanding of the central role of electronic health records in modern health care. This will include:

- The anatomy and usability of EHRs and Practice Management Systems.
- Implementation of EHRs including the analysis of workflow issues, change management and training.
- Federal government policies and regulations regarding the certification and adoption of EHRs.
- Interoperability of EHRs via HIE, Direct Secure Messaging and personal health records using interoperable data standards such as the CCR and the CCD and transmission standards such as HL7, XML and continuity of care documentation.
- Privacy and Security requirements based on the HIPAA Security Rule and comprising the NIST Risk Framework and Risk Assessment.
- Health Information Management standards in EHRs such as ICD-9 and ICD-10 coding and standard vocabularies such as LOINC and SNOMED CT.

- Health care analytics including revenue cycle management and population health.
- The use of clinical data to track health outcomes and the reduction of medical errors.

TEACHING METHODOLOGY

HIM 6685 Electronic Health Records and Clinical Support Systems addresses the introduction of electronic health record systems (EHRs) into the health care system and the complex relationships that integrate them with many other aspects of the provider's practice.

The instructor's approach to the course will be to1) integrate technical lectures that cover information relevant to the discussion of EHRs with 2) in-class discussions and student-based presentations that demonstrate mastery of terminology and concepts and 3) written papers that allow students to explore related forces that impact the integration of EHRs with physician practices, such as Meaningful Use, federal standards and policies, technical advances and the development of health information exchange activities.

The instructor intends to split the class time among lectures, promoting in-class discussion on course-relevant information and concepts and student presentations on assignments and research projects. Students are expected to come to class fully prepared to engage in class discussions, make assigned presentations and assist class members in understanding class content. The instructor's approach will be highly interactive and is intended to promote articulate dialogue on the implications of introducing EHRs into the health care system. The class will draw heavily upon the professional experiences of both the students and the instructor.

It is the intent of the instructor to provide several professional EHR products for students to use for general assessment purposes. In-class presentations will be linked to these EHR applications and will offer students the opportunity to compare the functionality and certification compliance of several EHR applications.

ASSURANCE OF LEARNING

The College of Business cares about the quality of your education. More on the College's commitment to Assurance of Learning can be found at the following link:

http://businessonline.fiu.edu/course_addons/Learning_Commitment.pdf

POLICIES

Please review the policies page as it contains essential information regarding guidelines relevant to all courses at FIU and additional information on the standards for acceptable netiquette important for online courses.

TECHNICAL REQUIREMENTS/SKILLS

One of the greatest barriers to taking an online course is a lack of basic computer literacy. By computer literacy we mean being able to manage and organize computer files efficiently, and learning to use your computer's operating system and software quickly and easily. Keep in mind that this is not a computer literacy course; but students enrolled in online courses are expected to have moderate proficiency using a computer. Please go to the "What's Required" page to find out more information on this subject.

This course utilizes the following Blackboard tools as complements to the in-class discussions:

- 1. Discussion Forum
- 2. Content Tool
- 3. Email and Blackboard Messages

For detailed information about the technical requirements, please click here.

ACCESSIBILITY AND ACCOMODATION

For detailed information about the specific limitations with the technologies used in this course, please visit http://online.fiu.edu/app/webroot/html/blackboardlearn/mastertemplate/accessibility/.

For more information about Blackboard's Accessibility Commitment, please visit <u>http://www.blackboard.com/Platforms/Learn/Resources/Accessibility.aspx</u>.

For additional assistance please contact our http://drc.fiu.edu/.

COURSE PREREQUISITES

There are no course prerequisites for this course.

TEXTBOOK

The texts in this course are gathered from recent documents related to the class discussions available from credible sources such as the Office of the National Coordinator for Health IT (ONC), the Centers for Medicare and Medicaid Services (CMS), the Health Information Management Systems Society (HIMSS), the American Health Information Management Society (AHIMA) and other sources.

All course documents will be provided electronically to reduce the cost of purchasing an expensive textbook. A list of course documents for each week of instruction will be provided in Blackboard before the start of class and to each student on the day of class.

An example of the text resources provided to the class is given below:

Technical Evaluation, Testing, and Validation of the Usability of Electronic Health Records Svetlana Z. Lowry, Matthew T. Quinn, Mala Ramaiah, Robert M. Schumacher, Emily S. Patterson, Robert North, Jiajie Zhang, Michael C. Gibbons and Patricia Abbott National Institute of Standards and Technology February 2012 http://www.nist.gov/healthcare/usability/upload/EUP_WERB_Version_2_23_12-Final-2.pdf

EXPECTATIONS OF THIS COURSE

This is a classroom course with the capability to use Blackboard for online discussion and instruction. Expectations for student performance online are the same as for the classroom days. The online discussion forums allow for an exchange of ideas between students and instructor based on a written dialogue on specific topics. The online Blackboard aspect of the course requires a degree of self-motivation, self-discipline, and technology skills that can make it somewhat more demanding than the in class meetings but rewarding at the same time.

Students are expected to:

- Review the how-to-get-started information located in the course content.
- Ensure that your computer is compatible with Blackboard.
- Interact online with instructor/s and peers.
- Log in to the course regularly over the course of the eight weeks.
- Respond to discussion boards, blogs and journal postings within the week.
- Respond to emails within a reasonable timeframe.
- Submit assignments by the corresponding deadline.

The instructor will:

- Log in to the course regularly.
- Respond to discussion boards, blogs and journal postings daily.
- Respond to emails within 48 hours.
- Grade assignments within two weeks of the assignment deadline.

COURSE COMMUNICATION

Communication in this course will take place via interpersonal contact, email and Blackboard messages.

Messages are a private and secure text-based communication that occurs within a Course and among Course members. Users must log on to Blackboard to send/receive/read messages. The Messages tool is located on the left side Course Menu (Blackboard user interface). It is recommended that students check their messages routinely to ensure up-to-date communication.

The Email feature is an external communication tool that allows users to send emails to users enrolled within the course including the instructor and other students. Emails are sent to the students' FIU email on record. The Email tool is located on the left side Course Menu (Blackboard user interface).

For more information on professional writing and technical communication visit this link: http://online.fiu.edu/app/webroot/html/blackboardlearn/resources/writing_resources/.

ASSIGNMENTS

The Instructor will provide clear guidelines for each assignment

There will be three types of assignments in this course: Individual in-class presentations, Group inclass presentations Research Papers. The online discussion forum will be used for class interaction between Saturday sessions.

- In-class presentations will address information covered in each chapter of the class text book with additional outside research on health information technology applications. Presentations can be individual or group, as preferred.
- The online forums will be used to provide a forum for students to research the usability and functionality of the EHRs that they are working with.
- Specifications for papers will be distributed at least two weeks before the paper is due. All
 papers will be evaluated within two weeks of the due date.

DISCUSSION FORUMS

Keep in mind that forum discussions are public, and care should be taken when determining what to post.

Instructor

Instructor will provide clear guidance on the expectations and requirements of assignments.

- Students will receive specifications for in-class presentations during the first day of class. Specifications will include expected breadth of topic, depth of content and grading criteria.
- Students will be evaluated on the extent and quality of their classroom discussions.
- Online discussion topics will be communicated one week ahead of the online discussion. Students will be evaluated on the number of entries they post in the discussion forum and on the quality of their posts. Minimum expectations are for three posts within the week.
- Specifications for research papers will be distributed two weeks before papers are due. Online discussion topics will be selected that feed into the research papers and give students a chance to discuss the research topic and gather background materials. Criteria for evaluating the papers will be included in the specification sheets.

WEEKLY SCHEDULE

All classes	will b	e held	at the	FIU	Brickell	Campus
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Class Date	Class Discussion	Class Assignment
Week 1 Saturday,	Anatomy and Usability of an EHR	Introduction to course content and student expectations. Student introductions.
May 10, 2014		Introduction to practice EHRs to be used by the class.
Week 2 Saturday, May 17, 2014	Implementation of EHR and Workflow Assessment	Individual report on EHR Usability and Satisfaction Survey in each student's workplace based on a survey conducted between Week 1 and Week 2. Selection of Course EHR
Week 3 Saturday, May 24, 2014	Government Policy and Regulation	Group PowerPoint presentations on selected federal policies and regulations with reference to EHRs
Week 4 Saturday, May 31, 2014	Interoperability	Individual paper on the effect of federal regulations on the health IT implementation of the student's workplace.
Week 5 Saturday, June 7, 2014	Privacy and Security	Group PowerPoint presentations on methods of health information exchange and actual HIE in the students' workplace.
Week 6 Saturday, June 14, 2014	Health Information Management Standards in EHRs	Individual report on the Privacy and Security compliance in each student's workplace based on short risk assessment.
Week 7 Saturday, June 21, 2014	Population Health and Revenue Cycle Management	Group PowerPoint presentations on standards for HIM coding used in EHRs
Week 8 Saturday, June 28, 2014	Analytics for Health Outcomes	Individual paper on the future of health IT and its continuing influence on the quality and coordination of care in the health care system with reference to selected EHR.

GRADING

Assignments will be evaluated according to the weights given below:

	Number	Per Unit	Total	Cumulative
In-Class Individual Report	2	15%	30%	15%
Research Papers	2	15%	30%	60%
In-Class Group Report	3	10%	30%	90%
Online Discussion	Ongoing	10%	10%	100%
		Total	100%	

Grades will be assigned according to the percentage totals given below:

Letter Grade	Range
А	93% - 100%
A-	91% - 92%
B+	87% - 90%
В	84% - 86%
B-	81% - 83%
C+	77% - 80%
С	74% - 76%
C-	71% - 73%
D+	67% - 70%
D	64% - 66%
D-	61% - 63%
F	Less than 61%

Bibliography

Week 1: Anatomy and Usability of an EHR

Week 1 AMIA Specs Grad Prgrm Medical Informatics.pdf

AMIA Board white paper: definition of biomedical informatics and specification of core competencies for graduate education in the discipline

Casimir A Kulikowski, Edward H Shortliffe, Leanne M Currie, Peter L Elkin, Lawrence E Hunter, Todd R Johnson, Ira J Kalet, Leslie A Lenert, Mark A Musen, Judy G Ozbolt, Jack W Smith, Peter Z Tarczy-Hornoch, Jeffrey J Williamson

Week 1 Overcoming User.pdf

Implementation of an Obstetrics EMR Module: Overcoming User Dissatisfaction Deborah Dagroso; Patricia D. Williams, MPA; James D. Chesney, PhD; Monica M. Lee, MD; Evan Theoharis, MD; and Robert N. Enberg, MD, MMM Journal of Healthcare Information Management — Vol. 21, No. 1

Week 1 ONC physicianadoption_of_ehrs2014_01.15.14.pdf

Physician Adoption of Electronic Health Records HealthIT.gov

Week 1 NIST Guide_Final_Publication_Version.pdf

NIST Guide to the Processes Approach for Improving the Usability of Electronic Health Records Robert M. Schumacher Svetlana Z. Lowry National Institute of Standards and Technology November 2010

Week 1 NIST Technical Evaluation, Testing and Validation of the Usability of Electronic Health Records.pdf

Usability in Health IT: Technical Strategy, Research, and Implementation Summary of Workshop Janice (Ginny) Redish Svetlana Z. Lowry National Institute of Standards and Technology November 2010

Week 1 NIST EHR Tech Eval_Version_2_23_12-Final-2.pdf

Technical Evaluation, Testing, and Validation of the Usability of Electronic Health Records Svetlana Z. Lowry Matthew T. Quinn Mala Ramaiah Robert M. Schumacher Emily S. Patterson Robert North Jiajie Zhang Michael C. Gibbons Patricia Abbott National Institute of Standards and Technology February 2012 http://www.nist.gov/healthcare/usability/upload/EUP_WERB_Version_2_23_12-Final-2.pdf

Week 1 HIMSS_Promoting_Usability_in_Health_Org.pdf

Promoting Usability in Health Organizations: Initial Steps and Progress Toward a Healthcare Usability Maturity Model HIMSS Usability Task Force

©2011 Healthcare Information and Management Systems Society.

Week 1 HIMSS Guide to Usability_Selecting an EMR.pdf

Selecting an EHR for Your Practice: Evaluating Usability_v1.2 HIMSS EHR Usability Task Force August 2010 © 2010 Healthcare Information and Management Systems Society (HIMSS)

Week 1 DefiningTestingEMR.pdf

Defining and Testing EMR Usability: Principles and Proposed Methods of EMR Usability Evaluation and Rating HIMSS EHR Usability Task Force June 2009 © 2009 Healthcare Information and Management Systems Society (HIMSS)

Week 1 HIMSS Baylor_EHR_UserExperienceSurvey.pdf

Baylor EHR User Experience Survey© © 2011 Baylor Health Care System Please contact sunni.barnes@baylorhealth.edu if you would like to utilize this survey instrument or for more

information.

Week 1 EHR Communication Plan.pdf

EHR Communication Plan

This material, prepared by Margret\A Consulting, LLC, is provided by Stratis Health, the Minnesota Quality Improvement Organization, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the US Department of Health and Hu man Services. Contents do not necessarily reflect CMS policy. 8SOW-MN-1d1-05-17 09.02.05

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EHR Usability Toolkit: A Background Report on Usability and Electronic Health Records Agency for Healthcare Research and Quality AHRQ Publication No. 11-0084-EF August 2011

Week 1 HIMSS EMR Adoption Model.pdf

US EMR Adoption ModelSM Data from HIMSS Analytics[™] Database © 2014

Week 1 CHANGE MANAGEMENT.pdf

Change Management Strategies for an Effective EMR Implementation Claire McCarthy, MA, Douglas Eastman, PhD and David E. Garets, © 2010 by the Healthcare Information and Management Systems Society.

Week 1 Best_Practices_in_EMR_Implementation.pdf

Best Practices in EMR Implementation: A Systematic Review Karim Keshavjee, John Bosomworth, John Copen, James Lai, Beste Kucukyazici, Rizwana Lilani, Anne M Holbrook

Week 1 AMA_health_it_transcript.pdf

HEALTH INFORMATION TECHNOLOGY For additional Health IT resources, please consult the AMA website. <u>www.ama-assn.org/go/hit</u>

Week 1 AMA select-pms-vendor.pdf

How to select a practice management system Copyright 2010–2013 American Medical Association. All rights reserved.

Week 2: Implementation of EHR and Workflow Assessment

Week 2 ONC nlc_changemanagementprimer.pdf

Change Management in EHR Implementation The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) April 30, 2013 • Version 1.0

Week 2 ONC workflow_redesign_templates.pptx

Workflow Redesign Templates The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Practice and Workflow Redesign Community of Practice

Week 2 ONC vendor_meaningful_use_compare_tool_v1.0_0.xlsx

Vendor Meaningful Use Compare Tool The National Learning Consortium (NLC) Vendor Selection and Management Community of Practice, 1.0 October 21, 2011

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Vendor Evaluation Matrix Tool The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Vendor Selection and Management Community of Practice October 21, 2011

Week 2 ONC reference-checking-for-ehr-vendor_0.xlsx

Reference Checking Worksheet for EHR Vendors The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Iowa Foundation for Medical Care (IFMC) March 31, 2012

Week 2 Workflow Questionnaire.pdf

Workflow Assessment Guide Updated 1/09/07 HealthInsight

Week 2 PDF WorkflowAnalysisEHRDeploymentTechniques.pdf

Workflow Analysis: EHR Deployment Techniques California Healthcare Foundation January 2011

Week 2 ONC workflow-process-mapping-for-electronic-health-record-ehr-implementation.docx

Workflow Process Mapping for Electronic Health Record (EHR) Implementation The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Iowa Foundation for Medical Care (IFMC) Health Information Technology Extension Center for Los Angeles County (HITEC LA)

Week 2 ONC request-for-proposal-template-for-health-information-technology.docx

Request for Proposal (RFP) Template for Health Information Technology The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Wisconsin Health Information Technology Extension Center (WHITEC) Stratis Health Wide River Technology Extension Center (Wide River TEC) March 31, 2012

Week 2 ONC nlc-ehr-implementation-go-live-planning-checklist.docx

Electronic Health Record (EHR) Implementation: Go-Live Planning Checklist The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Doctor's Office Quality Information Technology (DOQ-IT) March 31, 2012

Week 2 ONC nlc-ehr-demonstration-scenario-evaluation-vendor-questions.docx

EHR Demonstration Scenario, Evaluation and Vendor Questions The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Iowa Foundation for Medical Care (IFMC) Arkansas Foundation for Medical Care (AFMC) Doctor's Office Quality Information Technology University (DOQ-IT University) June 30, 2012

Week 2 ONC goals-and-objectives-for-ehr-implementation.docx

Goals and Objectives for Electronic Health Record (EHR) Implementation The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Colorado Regional Extension Center (CO – REC) Doctor's Office Quality Information Technology (DOQ-IT) March 31, 2012

Week 2 ONC ehr-system-test-plan.docx

Electronic Health Record (EHR) System Testing Plan The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Iowa Foundation for Medical Care (IFMC) April 30, 2012

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EHR Implementation Communication Guidelines The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Iowa Foundation for Medical Care (IFMC) October 31, 2013

Week 2 ONC ehr-implementation-wirec.pdf

EHR Implementation with Minimal Practice Disruption in Primary Care Settings: The Experience of the Washington & Idaho Regional Extension Center Jeff Hummel, MD, MPH Peggy Evans, PhD, CPHIT November 2012

Week 2 ONC contracting-guidelines-and-checklist-for-ehr-vendor-selection.docx

Contracting Guidelines and Checklist for Electronic Health Record (EHR) Vendor Selection The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) Iowa Foundation for Medical Care (IFMC) Arkansas Foundation for Medical Care (AFMC) March 31, 2012

Week 2 ONC ehr_contracting_terms_final_508_compliant.pdf

EHR Contracts: Key Contract Terms for Users to Understand The Office of the National Coordinator for Health Information Technology Westat June 25, 2013

Week 2 ONC chart-migration-and-scanning-checklist.docx

Chart Migration and Scanning Checklist The National Learning Consortium (NLC) Health Information Technology Research Center (HITRC) June 30, 2012

Week 2 NIST Human Factors Guidance to Prevent Healthcare Disparities with the Adoption of EHRs.pdf

Human Factors Guidance to Prevent Healthcare Disparities with the Adoption of EHRs Michael C. Gibbons Svetlana Z. Lowry Matthew T. Quinn National Institute of Standards and Technology February 2011

Week 2 HIMSS-6-10-doc-implementation-success-factors-FINAL.pdf

EHR Implementation Success Factors for Practices with 6-10 Physicians Patient Flow Process to Capture Meaningful Use Actions Marie Richards October 7, 2010

Week 2 EHR_Adoption_Sustainability080608.pdf

Key Issues in EHR Adoption and Sustainability Whitepaper

A Work Product of the HIMSS EHR Adoption and Sustainability Work Group July 31, 2008 ©2008 Healthcare Information and Management Systems Society (HIMSS)

Week 3: Government Policy and Regulation

Week 3 Voluntary 2015 Edition EHR Certification Criteria 2014-03959_PI.pdf

Voluntary 2015 Edition Electronic Health Record (EHR) Certification Criteria; Interoperability Updates and Regulatory Improvements Office of the National Coordinator for Health Information Technology (ONC)

Department of Health and Human Services.

Week 3 Voluntary 2015 Edition EHR Certification Criteria 2014-03959_PI.pdf

45 CFR Part 170 Voluntary 2015 Edition Electronic Health Record (EHR) Certification Criteria; Interoperability Updates and Regulatory Improvements DEPARTMENT OF HEALTH AND HUMAN SERVICES Office of the Secretary

Week 3 ONC final2015certedfactsheet.022114.pdf

ONC Fact Sheet: Voluntary 2015 Edition EHR Certification Criteria ("2015 Edition") Proposed Rule Office of the National Coordinator for Health Information Technology (ONC), Department of Health and Human Services.

Week 3 ONC_FS_EHR_Stage_2_Final_082312.pdf

ONC Fact Sheet: 2014 Edition Standards & Certification Criteria (S&CC) Final Rule Office of the National Coordinator for Health Information Technology (ONC), Department of Health and Human Services.

Week 3 ONC 2014 Certification EHR.pdf

Health Information Technology: Standards, Implementation Specifications, and Certification Criteria for Electronic Health Record Technology, 2014 Edition; Revisions to the Permanent Certification Program for Health Information Technology Office of the National Coordinator for Health Information Technology (ONC), Department of Health and Human Services.

DEPARTMENT OF HEALTH AND HUMAN SERVICES 45 CFR Part 170 Federal Register /Vol. 77, No. 171 /Tuesday, September 4, 2012 /Rules and Regulations

Week 3 CCHIT The EHR Guide to 2011 & 2014 Certification.pdf

The EHR Certification Guide ONC 2011& 2014 Editions January 2, 2013 Copyright © 2013 CCHIT

Week 3 EHR Incentive Prgrm Beginners_Guide.pdf

An Introduction to the Medicare EHR Incentive Program for Eligible Professionals A program administered by the Centers for Medicare & Medicaid Services (CMS) Medicare & Medicaid EHR Incentive Program Meaningful Use Stage 1 Requirements Overview Centers for Medicare & Medicaid Services

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Eligible Professional Meaningful Use Table of Contents Core and Menu Set Objectives Stage 1 Centers for Medicare & Medicaid Services

Week 3 Stage2_Guide_EPs_9_23_13.pdf

Eligible Professional's Guide to Stage 2 of the EHR Incentive Programs A program administered by the Centers for Medicare & Medicaid Services (CMS) September 2013

Week 3 Stage2_Toolkit_EHR_0313.pdf

The Medicare and Medicaid Electronic Health Record (EHR) Incentive Programs: STAGE 2 TOOLKIT Centers for Medicare & Medicaid Services Last Updated: FEBRUARY 2013

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Week 3 Stage2_MeaningfulUseSpecSheet_TableContents_EligibleHospitals_CAHs.pdf

Stage 2 Eligible Hospital and Critical Access Hospital (CAH) Meaningful Use Core and Menu Objectives Table of Contents Centers for Medicare & Medicaid Services October, 2012

Week 3 Stage1vsStage2CompTablesforEP.pdf

Stage 1 vs. Stage 2 Comparison Table for Eligible Professionals Centers for Medicare & Medicaid Services Last Updated: August, 2012

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Comparison Table for Eligible Hospitals and CAHs Centers for Medicare & Medicaid Services Last Updated: August, 2012

Week 3 MU-Pocket-Guide-3-1-13.pdf

Pocket Quick Guide Comparison Stage 1 to Stage 2 Meaningful Use Final Rule Objectives and Measures IT Strategy Council ©2013 THE ADVISORY BOARD COMPANY • ADVISORY.COM • 25695 UPDATED 02/26/13

Week 3 2013_PQRS_ImplementationGuide.pdf

2013 Physician Quality Reporting System (PQRS): Implementation Guide – Claims-Based Reporting for Incentive Centers for Medicare & Medicaid Services 11/09/2012

Week 3 Medicare PQRS Quality Assurance.pdf

Medicare's Physician Quality Reporting System (PQRS): Medicare's Unique Approach to Quality Assurance1 Samuel Knapp, Ed.D. ABPP, Rachael Baturin, MPH, JD

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Clinical Quality eMeasure Logic and Implementation Guidance v1.0 Clinical Quality Measures (CQM) reporting beginning in 2014 under the Meaningful Use EHR Incentive Program of the Centers for Medicare and Medicaid Services (CMS).

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ADDITIONAL INFORMATION REGARDING EP CLINICAL QUALITY MEASURES FOR 2014 EHR INCENTIVE PROGRAMS Centers for Medicare & Medicaid Services Last updated January 2013

Week 3 Guide_Reading_EP_Hospital_eCQMs.pdf

GUIDE FOR READING ELIGIBLE PROFESSIONAL (EP) AND ELIGIBLE HOSPITAL (EH) EMEASURES This document was originally developed by the National Quality Forum (NQF, www.qualityforum.org) under contract with the U.S. Department of Health and Human Services to promote the effective use of Electronic Health Record (EHR) systems and released in October, 2010.

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CLINICAL QUALITY MEASURES FINALIZED FOR ELIGIBLE HOSPITALS AND CRITICAL ACCESS HOSPITALS BEGINNING WITH FY 2014 National Quality Forum

Week 4 Interoperability

Week 4 2011 Report on Health Information Exchange - Full Report.pdf

2011 REPORT ON HEALTH INFORMATION EXCHANGE THE CHANGING LANDSCAPE Based on Results from eHealth Initiative's Eighth Annual Survey of Health Information Exchange

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Utah Health Information Network STANDARDS COMMITTEE Continuity of Care Document Standard/Specification Version 1.0

Week 4 continuity-of-care-document-ccd.pdf

Corepoint The Continuity of Care Document Changing the Landscape of Healthcare Information Exchange

Week 4 Data Interoperability and Information Security in Healthcare.pdf

Data Interoperability and Information Security in Healthcare Reid Berryman, Nathan Yost, Nicholas Dunn and Christopher Edwards 10/1/2013

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