



UNIVERSITÀ DI PISA HEALTH CARE MANAGEMENT

MICAL MICHELLE RAMIM

Anno accademico	2020/21
CdS	ECONOMIA AZIENDALE
Codice	475PP
CFU	3

Moduli	Settore/i	Tipo	Ore	Docente/i
HEALTH CARE MANAGEMENT	SECS-P/07	LEZIONI	21	MICAL MICHELLE RAMIM

Obiettivi di apprendimento

Conoscenze

Upon completion of this course, students will be able to:

Knowledge:

- ? Understand past, current and future health information technology (HIT) landscapes
- ? Understand the roles public sector, private sector, and government have in the advancement of HIT
- ? Understand the major types of administrative and clinical information systems used in healthcare

Modalità di verifica delle conoscenze

Assignment 1 – Project Proposal abstract

Capacità

Upon completion of this course, students will be able to:

Skills:

- ? Evaluate technologies such as Electronic Medical Records (EMRs), enterprise resource planning (ERP), or enterprise collaboration systems, which can facilitate a healthcare business processes
- ? Assess the organizational and behavioral factors that can affect system acceptance and the use and strategies for managing change in healthcare organizations
- ? Distinguish among privacy, confidentiality, and security as they relate to HIS
- ? Analyze legal compliance requirements that organizations must comply with while implementing and supporting HIS (i.e. regulations and standards).

Modalità di verifica delle capacità

Assignment 1 – Project Proposal abstract and presentation
Final Executive Report

Comportamenti

Upon completion of this course, students will be able to:

Behaviors:

- ? Discuss the key functions and capabilities of EMR systems and current adoption rates in hospitals, physician practices and other healthcare settings
- ? Discuss key health IT tools and strategies for population health management including EHRs, registries, risk stratification, patient engagement, and outreach, care coordination and management, analytics, health information exchange, and telemedicine, tele-health, 'MD on Demand'
- ? Discuss basic uses of healthcare data, for example, big and small data and analytics, utility to monitor, predict, and improve performance
- ? Describe the use and adoption of personal health records and patient portals
- ? Discuss current issues pertaining to the use of health information systems (HIS) including interoperability, usability, and health IT safety

Modalità di verifica dei comportamenti

Final Project Presentation
Personal Project Reflection

Prerequisiti (conoscenze iniziali)



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- Literature (industry and peer-reviewed) search abilities
- Use of MS Office tools
- Use of Moodle LMS
- Ability to work in teams
- Presentation abilities
- Data processing abilities

Corequisiti

None

Prerequisiti per studi successivi

None

Indicazioni metodologiche

The course will be conducted in English

Use of MS Teams for class sessions and group work sessions:

<https://teams.microsoft.com/j/team/19%3af8201e158a744f3f9abfacb426d74664%40thread.tacv2/conversations?groupId=3c86799c-96ea-4302-9c0f-e0787f9e6d5d&tenantId=c7456b31-a220-47f5-be52-473828670aa1>

Programma (contenuti dell'insegnamento)

Course Overview

The course provides the skills needed to understand the peculiarities related to the management of health care organizations. This course analyzes the evolution of the structure and the current issues in the health care systems and Electronic Healthcare Record (EHR). It examines, in managerial point of view, the unique features of health care as a product, and the changing relationships between patients, physicians, hospitals, employers, and government from the perspective of healthcare information technology.

Tentative Course Calendar:

- 25-02-21 (14:00-15:30): Introduction to Current and Future Healthcare Management Landscape, and Schedule Overview (lecture)
- 26-02-21 (14:00-15:30): Overview of Healthcare Data, Electronic Healthcare Record (EHR), Small versus Big Data in Healthcare. Group Project Review and Team Formation (lecture)
- 04-03-21 (14:00-15:30): In-depth EHRs Adoption and Practice. Personal Health Records and Patient Portals, Interoperability, Usability and Health IT Safety for Healthcare Professionals, Hospitals and Patients
- 05-03-21 (14:00-15:30): Healthcare Management During World Pandemic and the Rising Role of Telemedicine, and Case Review (lecture)
- 11-03-21 (14:00-15:30): Healthcare Information Systems, Privacy and Security Global Perspectives, (lecture)
- 12-03-21 (14:00-15:30): Group Work - Session 1 – Group Project Goals Identification
- 18-03-21 (14:00-15:30): Group Work - Session 2 - Projects Review and Revisions Session 1
- 19-03-21 (14:00-15:30): Group Work - Session 3 - Projects Review and Revisions Session 2
- 25-03-21 (14:00-16:00): Group Work - Session 4 - Group Presentations 1
- 26-03-21 (14:00-16:00): Group Work - Session 5 - Group Presentations 2

Bibliografia e materiale didattico

Textbook:

Wager, K. A., Lee, F. W., & Glaser, J. P. (2017). *Health Care Information Systems: A Practical Approach for Health Care Management (4th edition)*. Jossey-Bass.

ISBN-13: 978-1119337188

Modalità d'esame

Final Grade:

Final grades will be based on the following breakdown of requirements for the course:

- Online discussion (10%)
- Assignment 1 – Project Proposal abstract and presentation (30%)
- Final Executive Report (20%)
- Final Project Presentation (30%)
- Personal Project Reflection (10%)

Pagina web del corso

<https://teams.microsoft.com/j/team/19%3af8201e158a744f3f9abfacb426d74664%40thread.tacv2/conversations?groupId=3c86799c-96ea-4302-9c0f-e0787f9e6d5d&tenantId=c7456b31-a220-47f5-be52-473828670aa1>

