HIM-2500: INTRODUCTION TO CANCER REGISTRY AND DISEASE MANAGEMENT

Cuyahoga Community College

Viewing: HIM-2500 : Introduction to Cancer Registry and Disease Management

Board of Trustees:
March 2021

Academic Term:
Fall 2021

Subject Code
HIM - Health Information Management

Course Number:
2500

Title:
Introduction to Cancer Registry and Disease Management

Catalog Description:
Introduction to the organization of the Cancer Registry, including cancer data management and utilization, quality control activities and the cancer program and accreditation processes. The function of the cancer registry in the electronic environment including Health Information Privacy and Security.

Credit Hour(s):
2

Lecture Hour(s):
2

Requisites

Prerequisite and Corequisite
Departmental approval: admission to program. Requires a minimum of an Associate Degree in a health care field that includes two semesters of Anatomy and Physiology, one semester of Pathophysiology, and one semester of Medical Terminology. If the degree does not include these courses, the courses will need to be taken prior to acceptance of the student.

Outcomes
Course Outcome(s):
Identify cancer registry standard setters and regulating agencies

Essential Learning Outcome Mapping:
Information Literacy: Acquire, evaluate, and use information from credible sources in order to meet information needs for a specific research purpose.

Objective(s):
a. Identify cancer registry standard setters in the industry
b. Identify cancer registry regulating agencies and explain their roles in regulating the industry.

Course Outcome(s):
Summarize policies and procedures to ensure organizational compliance with regulations and standards

Essential Learning Outcome Mapping:
Written Communication: Demonstrate effective written communication for an intended audience that follows genre/disciplinary conventions that reflect clarity, organization, and editing skills.

Objective(s):
a. Describe the role of the cancer program accreditation process.

b. Explore the role of NAACCR (North American Association of Central Cancer Registries) in data standards.

Course Outcome(s):

Explore the Health Insurance Portability and Accountability Act (HIPAA) regulations and other legal and ethical issues related to cancer registry.

Essential Learning Outcome Mapping:

Written Communication: Demonstrate effective written communication for an intended audience that follows genre/disciplinary conventions that reflect clarity, organization, and editing skills.

Objective(s):
1. Explore the ethical issues related to cancer registry.
2. Explain privacy as established by the Health Insurance Portability and Accountability Act.
3. Explore legal issues related to cancer registry.

Course Outcome(s):

Describe and promote ethical standards of practice for a Cancer Registry Program

Essential Learning Outcome Mapping:

Written Communication: Demonstrate effective written communication for an intended audience that follows genre/disciplinary conventions that reflect clarity, organization, and editing skills.

Objective(s):
1. Describe ethical aspects of the cancer registry program.
2. Explain the guidelines addressed in the National Cancer Registrars Association Professional Practice Code of Ethics.

Course Outcome(s):

Differentiate between the various types of registries.

Essential Learning Outcome Mapping:

Written Communication: Demonstrate effective written communication for an intended audience that follows genre/disciplinary conventions that reflect clarity, organization, and editing skills.

Objective(s):
1. Describe various types of disease registries.
2. Explore the purpose of registries.

Methods of Evaluation:
1. Discussion board participation.
2. Assignments.
3. Case studies.
4. Quizzes.
5. Final examinations

Course Content Outline:
1. Introduction to cancer registry and the history of cancer registration
   a. Origin of the word cancer
   b. Cancer as a significant challenge for individuals and healthcare professionals
   c. Cancer as a public health issue
   d. Origin of cancer surveillance systems
   e. Ultimate goals of cancer surveillance
2. Types of cancer registries;
   a. Hospital-based cancer registries
   b. Population-based cancer registries
   c. Specialty cancer registries
   d. Central cancer registries

    e. Cancer registries in other countries
    f. Federal registries
       i. Department of defense
      ii. Department of veterans affairs
3. Cancer registry data standardization, standard setters and professional organizations
    a. American college of surgeons (ACS) commission on cancer (CoC)
       i. Cancer program standards
      ii. American joint committee on cancer staging (AJCC)
      iii. Special studies/patient care studies
      iv. National cancer database (NCDB)
      v. Standards for oncology registry entry (STORE) manual
    b. Surveillance epidemiology and end results program (**SEER**)
       i. SEER summary stage 2018
      ii. SEER extent of disease
      iii. Hematopoietic database and manual
      iv. SEER RX.
    c. National program of cancer registries (NPCR)
    d. North american association of central cancer registries (NAACCR)
       i. Site-specific data items
      ii. Grade manual
    e. National cancer registrars association (NCRA)
       i. Formal educational programs
      ii. Council on certification
      iii. Center for cancer registrar education
    f. World health organization (WHO)
       i. International classification of diseases - oncology (ICD-O) manual
    g. Cancer registries in Canada
4. Other cancer partners:
    a. National coordinating council for cancer surveillance
    b. National cancer institute cancer biomedical informatics grid
    c. American cancer society cancer Facts & figures and cancer statistics
    d. Cancer statistics review training
    e. North American association of central cancer registries cancer in North America
    f. Cancer control P.L.A.N.E.T. (plan, link, act, network with evidence-based tools)
    g. International association of cancer registries (IACR)
    h. Cancer incidence in five continents
    i. Cancer registrar education process.
5. Cancer registrar opportunities
    a. Employment opportunities in cancer registry
    b. Hospital cancer registries
    c. Cancer registry software sales and support services
    d. Cancer registry education
6. Registry standards manuals and registrar Issues
    a. Data collection and issues with collection
    b. Coding and reporting standard updates
    c. STtandards for Oncology Registry Entry (STORE) manual
    d. Solid umor rules
    e. Multiple primary rules
    f. Site-specific data items.
    g. Hematopoietic database and manual
    h. SEER rx
    i. Grade manual
    j. SEER extent of disease (EOD)
    k. SEER Summary staging manual 2018
    l. SEER program coding and staging manual
    m. Certified tumor registrar (CTR) guide to coding radiation therapy in STORE.
7. National cancer registrars' association (NCRA) bylaws and standing rules

    a. How to locate the national cancer registrars' association bylaws
    b. How to locate the standing rules of the NCRA
    c. Application of NCRA Bylaws and Standing Rules in the registry departments
    d. Responsibilities of a cancer registrar as related to the NCRA bylaws and standing rules
 8. Legal and ethical aspects of cancer data
    a. Health insurance portability and accountability act (HIPAA) privacy and security rules
    b. American recovery and reinvestment act (ARRA) privacy and security rules
    c. National cancer registrar association code of ethics
    d. Research studies and ethics
 9. Accreditation of cancer Programs and accreditation and licensing of healthcare facilities.
    a. American college of surgeons commission on cancer (ACOS-CoC)
    b. Cancer program survey and accreditation process of the American College of surgeons commission on cancer
    c. The joint commission
    d. Commission on cancer (CoC) national cancer database
        i. Rapid cancer reporting system (RCRS)
       ii. Cancer program practice profile reports (CP^{3}R)
10. Electronic environment for cancer registry
    a. Computer resources
    b. Electronic health records (EHR)
    c. Internet and the world wide web
    d. Medical informatics basics for cancer registry
11. Registry operations
    a. Staffing, office space, equipment, and budgets.
    b. Policies and procedure
    c. Job descriptions

Resources

Mench, Gress, Griffin, Mulvihill, Hofferkiamp, Johnson and Person. *Cancer Registry Management Principles & Practice for Hospitals and Central Registries*. 4th. Dubuque: Kendall Hunt, 2021.

National Cancer Registrars Association. "Journal of Registry Management" 2020-07-01 00:00:00.0.

Lisa L. Connor, CTR. "How has the Cancer Registry Profession Evolved and What does the Future Hold" none. 2014-07-01 00:00:00.0.

Resources Other

www.ncra-usa.org (http://www.ncra-usa.org) National Cancer Registrar Association website

http://seer.cancer.gov Surveillance, Epidemiology and End Results Program website

www.training.seer.cancer.gov (http://www.training.seer.cancer.gov) SEER Training Website

https://www.cdc.gov/cancer/npcr/index.htm (https://www.cdc.gov/cancer/npcr/) National Program of Cancer Registries website

https://www.naaccr.org North American Association of Central Cancer Registries

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