

HEALTH INFORMATION TECHNOLOGY (HIT)

Division: Mathematics, Engineering Technologies and Computer Sciences (METCS) Division

HIT 101 Intro Hlt Care&Pub Hlt in U.S. (3 Credits)

This course will introduce the basic principles of Health Information Technology systems. Major topics include methods of health care and service delivery, public health policy, professional roles, legal and regulatory issues, and electronic payment systems.

Pre-requisites: (((Companion Arithmetic with a score of 069 and Companion Elementary Algebra with a score of 076) or (Arithmetic (Next-Gen) with a score of 260 and Quant,Algebra,Stats(Next-Gen) with a score of 260) or (Bilingual Computation with a score of 20 and Bilingual Algebra with a score of 19) or MTH 092 with a minimum grade of C or Move Up Math 092 with a score of P or MTH 092 Summer Bridge with a score of P or TRANSFERRED COLLEGE LEVEL MATH with a score of 898 or Elig. for Math 100,101,103 with a score of 905 or Pre-reg. COLG math waiver only with a score of 908 or SAT/ACT Elig for Mth 100 with a score of 994) and (((Companion Essay with a score of 06 or Companion Essay with a score of 07 or Write Placer Essay with a score of 04 or Write Placer Essay with a score of 05 or Write Placer Essay with a score of 06) and (Companion Reading Comprehensio with a score of 079 or Reading (Next-Gen) with a score of 237 or RDG 096 with a minimum grade of C) and (ENG 096 with a minimum grade of C or ENG 098 with a minimum grade of C or Move Up English 096 with a score of P or ENG 096 Summer Bridge with a score of P) or ESL 063 with a minimum grade of C) or Companion Essay with a score of 08 or Write Placer Essay with a score of 07 or Write Placer Essay with a score of 08 or TRANSFERRED ENG 101 with a score of 889 or Elig. for Eng 101 with a score of 904 or Pre-reg. Eng 101 waiver only with a score of 906 or SAT/ACT Elig for Eng 101 with a score of 993 or TRANSFERRED ENG 102 with a score of 998)) or COLLEGE DEGREE with a score of 988 or SAT/ACT Elig Eng101 Mth100 with a score of 995 or Transf. Eng 101 Mth 100 with a score of 999

HIT 102 Cust Srv Ethics&Compliance HIT (3 Credits)

This course introduces the basic principles of customer service and discusses ethics and compliance issues related to storage of sensitive and confidential health records. Major topics of the course include information concepts, medical terminology and HIPPA regulations.

Pre-requisites: HIT 101 with a minimum grade of C

HIT 103 Intr Electronic Health Records (3 Credits)

This course introduces the basic principles of typical Electronic Health Records (EHRs) applications. The course focuses on formatting content of patient record, advantages and disadvantages of EHR systems, and methods to maintain security and confidentiality of electronic health records.

Pre-requisites: HIT 101 with a minimum grade of C

HIT 105 Fund WkFlow Proc,Anal&Redesign (3 Credits)

The course will focus on the fundamental concepts of health workflow process analysis, redesign, validation and change management. Major topics include the six aims for healthcare improvement, the Capability Maturity Model (CMM), and clinical analysis of workflow in redesigned systems.

Pre-requisites: HIT 101 with a minimum grade of C

HIT 106 Intro to Project Management (3 Credits)

This course provides an understanding of project management tools and techniques that result in the ability to create and follow a project management plan. The course develops the skills necessary to communicate effectively across the full range of roles that will be encountered in healthcare and public health settings. Major topics include ensuring project quality, coordinating project communications and identifying, assessing, and preparing a plan to manage project risks. Students will also learn how to develop resources matrices, loading charts, graphs, and budget activities using project management principles.

Pre-requisites: HIT 101 with a minimum grade of C

HIT 201 Intro Hlt Info. Mngmt. Systems (3 Credits)

This course will continue the discussion of health management information systems and survey of the history and milestones in health informatics. The course will focus on hardware components, major types of software used in information systems, network configurations, and emerging trends in information technology that support health care information systems.

Pre-requisites: HIT 106 with a minimum grade of C

HIT 226 Health Info. Tech. Internship (3 Credits)

The student will be assigned to the Health Information Service Department of a health care institution that will provide the student with practical experiences. The expectation is that the student will focus on many related functions necessary to effectively manage work flow and maintain electronic data. The internship will afford students the opportunity to work extensively with a primary group of practitioners and experience the day-to-day operations of the HIT department.

Pre-requisites: HIT 101 with a minimum grade of C and HIT 102 with a minimum grade of C and HIT 103 with a minimum grade of C and HIT 105 with a minimum grade of C and HIT 106 with a minimum grade of C and HIT 201 with a minimum grade of C