Courses in Informatics

C Inf 100X
Information in the 21st Century (3)
This course offered online through the Blackboard Learning System. Introduction to information and technology in the 21st Century. Different resources, including the Internet, libraries, news sources and other sources of information, hardware, and Web 2.0 technologies will be explored. The primary emphasis of the class is on discovering reliable information sources for any and all subjects so that a student's future research and other pursuits are supported by the methods developed in this course. Each student is called upon to fortify their own individual communication and reasoning skills and will demonstrate the use of those skills through course assignments, class presentations and group activities.
(2095) Krough, Lindsey
6 Week 1: May 26-July 3
Online course in Blackboard

C Inf 201
Introduction to Web Technologies (3)
This course offered online through the Blackboard Learning System. A technique-oriented introduction to client-based Web design and development technologies, including HTML/XHTML, CSS, JavaScript, digital imaging, file formats, etc.; also the elements of UNIX and networks necessary to understand and implement basic information management and transfer. Prerequisite(s): C INF 100X; not open to students who are taking or have completed I IST 361.
(2097) Barati, Mehdi
6 Week 2: June 22-July 31
Online course in Blackboard

C Inf 202
Introduction to Data and Databases (3)
This course offered online through the Blackboard Learning System. This course introduces students to data and databases. It covers both long-standing relational (SQL) databases and newly emerging non-relational (NoSQL) data stores. The nature of data, Big Data, intellectual property, system lifecycle, and development collaboration are also explored. Team-based activities alternate with hands-on exercises. Prerequisite(s): I CSI 101, 105, 110 or 201 or B ITM 215; not open to students who are taking or have completed I CSI 410 or 411 or B ITM 331.
(2098) Jacob, Jenson
6 Week 3: July 6-August 14
Online course in Blackboard

C Inf 203
Introduction to Data and Databases (3)
This course offered online through the Blackboard Learning System. This course introduces students to data and databases. It covers both long-standing relational (SQL) databases and newly emerging non-relational (NoSQL) data stores. The nature of data, Big Data, intellectual property, system lifecycle, and development collaboration are also explored. Team-based activities alternate with hands-on exercises. Prerequisite(s): I CSI 101, 105, 110 or 201 or B ITM 215; not open to students who are taking or have completed I CSI 410 or 411 or B ITM 331.
(2182) Carmancion, Kevin
6 Week 3: July 6-August 14
Online course in Blackboard

C Inf 301
Emerging Trends in Information and Technology (3)
This course offered online through the Blackboard Learning System. This course is designed to address challenges of the 21st century from the information science framework. We will explore emerging technologies and discuss how they alter and create new information environments. Examples of these technologies include Big Data, 3D Printing, Social Media, Wearable Computing, etc. Attention will be paid to real world uses of these technologies, emphasizing how they are changing business, government, education, and a number of other industries. This course also focuses on career paths for digital citizens in the 21st century. Prerequisite(s): C INF 100X or I IST 100X.
(2099) Staff
6 Week 2: June 22-July 31
Online course in Blackboard

C Inf 305
Digital Project Management (3)
This course offered online through the Blackboard Learning System. This course provides an introduction to current practices in project management with a focus on the management of digital projects. It is intended to provide a broad overview of the concepts, issues, tools and techniques related to the management of digital projects from concept to completion. Topics covered include project manager role/responsibilities, project team structure, project documentation, project phases/SDLC, project management methodologies, troubled projects, digital analytics and more. Prerequisite(s): C INF 201 and C INF 202.
(2101) Allena, Ramana
6 Week 1: May 26-July 3
Online course in Blackboard

C Inf 306
Information Security and Assurance (3)
This course offered online through the Blackboard Learning System. Technical aspects of cybersecurity in computer and network systems. The nature of attacks and defense in digital systems; models of vulnerabilities, threats and security; cryptography; forensics; security policies and procedures; software and network security. Prerequisite(s): C INF 202.
(2102) MacDonald, Ian
6 Week 2: June 22-July 31
Online course in Blackboard

C Inf 308
Programming for Informatics (3)
This course offered online through the Blackboard Learning System. Computer programming in an Informatics environment. The fundamentals of programming, including introduction to algorithms, object-oriented design, and data structures. Additional topics include basic interface design, security, networking, use of data bases, and mobile and other non-traditional computing platforms. Prerequisite(s): C INF 100 and C INF108 or I CSI/I ECE 201.
(2393) Mukhtar, Rana
6 Week 4: June 29-August 7
Online course in Blackboard

C Inf 496
Intermediate Special Topics in Informatics: E-commerce and E-Business (3)
This course offered online through the Blackboard Learning System. The contents of this course will vary from semester to semester. Each offering will cover an advanced topic in Informatics. May be repeated for credit when content varies. Prerequisite(s): permission of instructor, and junior or senior standing.
(2112) Dvir, Nimrod
6 Week 3: July 6-August 14
Online course in Blackboard