

# NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE

## COURSE SYLLABUS

**Course Title:** Introduction to Management Information Systems

**Course #:** CST\* 201

### **Course Description:**

An introductory course to provide a real-world understanding of information systems giving students a foundation in business-related technology (IT). This course presents a balance of technical information and real-world applications. Students study innovative uses of information technology and its benefits and risks. Contemporary concepts such as supply chain management systems, data warehousing, business intelligence systems, knowledge management, Web-based electronic data interchange, and software as a service are topics covered in this course.

### **Pre-requisite/Co-requisite:**

MAT\* 095 and eligibility for ENG\* 101 (ENG\* 063 and ENG\* 073, or ENG\* 085, or ENG\* 095), or satisfactory placement test scores.

### **Goals:**

- Prepare students to analyze information needs of knowledge workers and management.
- Enable students to understand how systems, such as decision support systems and expert systems aid in the decision making process.
- Enable students to understand the use of information systems to gain competitive advantage with management of information as an organizational resource.
- Provide an overview of the uses of organizational systems, such as operations, finance, marketing, and human resources.
- Enable students to understand the role of IT in the acquisition, production, and distribution of goods and services.
- Prepare students for identifying, analyzing, and proposing information systems solutions to organizational problems.
- Build students' problem-solving and decision-making capabilities regarding IT implementations in management of information systems.
- Strengthen communication skills in the ever-changing technical environment of information and management systems.

### **Outcomes:**

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

- Demonstrate an understanding of the components of Management Information Systems (MIS) and Information Technology Systems (ITS).
- Summarize policies, standards, and procedures in MIS and explain characteristics of these systems.
- Describe the organization of MIS in organizations of various sizes, careers related to MIS/ITS, and characteristics of MIS/ITS professionals.
- Identify key concepts related to hardware, software, telecommunications, database systems, and systems development.
- Evaluate the potential application and effectiveness of emerging technologies and personal productivity tools.

- Compare and contrast the various types of electronic commerce applications in use today as well as emerging applications of the future.
- Understand how to employ MIS/ITS security management concepts and principles, such as privacy, identification, authentication, copy protection, encryption, protection of data storage, and data transmission.
- Develop an understanding of the advanced uses of application tools for decision-making and information analysis scenarios associated with emerging technologies for mobile, home-office, remote workers, and principles of outsourcing.

## **College Policies**

**Plagiarism:** Plagiarism and Academic Dishonesty are not tolerated at Northwestern Connecticut Community College. Violators of this policy will be subject to sanctions ranging from failure of the assignment (receiving a zero), failing the course, being removed/expelled from the program and/or the College. Please refer to your “Student Handbook” under “Policy on Student Rights,” the Section entitled “Student Discipline,” or the College catalog for additional information.

**Americans with Disabilities Act (ADA):** The College will make reasonable accommodations for persons with documented learning, physical, or psychiatric disabilities. Students should notify Dr. Christine Woodcock, the Counselor for Students with Disabilities. She is located at Green Woods Hall, in the Center for Student Development. Her phone number is 860-738-6318 and her email is [cwoodcock@nwcc.edu](mailto:cwoodcock@nwcc.edu).

**School Cancellations:** If snowy or icy driving conditions cause the postponement or cancellation of classes, announcements will be made on local radio and television stations and posted on the College’s website at [www.nwcc.edu](http://www.nwcc.edu). Students may also call the College directly at **(860) 738-6464** to hear a recorded message concerning any inclement weather closings. Students are urged to exercise their own judgment if road conditions in their localities are hazardous.

**Use of Electronic Devices:** Some course content as presented in Blackboard Learn is not fully supported on mobile devices at this time. While mobile devices provide convenient access to check in and read information about your courses, they should not be used to perform work such as taking tests, quizzes, completing assignments, or submitting substantive discussion posts.

**Sexual Assault and Intimate Partner Violence Resource Team:** NCCC is committed to creating a community that is safe and supportive of people of all gender and sexual identities. This pertains to the entire campus community, whether on ground or virtual, students, faculty, or staff.

Sexual assault and intimate partner violence is an affront to our national conscience, and one we cannot ignore. It is our hope that no one within our campus community will become a victim of these crimes. However, if it occurs, NCCC has created the SART Team - Sexual Assault and Intimate Partner Violence Resource Team - to meet the victim’s needs.

SART is a campus and community based team that is fully trained to provide trauma-informed compassionate service and referrals for comprehensive care. The team works in partnership with The Susan B. Anthony Project to extend services 24 hours a day, 7 days a week throughout the year.

The NCCC team members are:

Ruth Gonzalez, Ph.D.	860-738-6315	Green Woods Hall Room 207
Susan Berg	860-738-6342	Green Woods Hall Room 223
Kathleen Chapman	860-738-6344	Green Woods Hall Room 110
Michael Emanuel	860-738-6389	Founders Hall Annex Room 308
Seth Kershner	860-738-6481	Library
Jane O'Grady	860-738-6393	Founders Hall Annex Room 212
Robin Orloski	860-738-6416	Business Office Room 201
Patricia Bouffard, Ex-Officio	860-738-6319	Founders Hall Room 103
Savannah Schmitt		Student Representative

At NCCC we care about our students, staff and faculty and their well-being. It is our intention to facilitate the resources needed to help achieve both physical and emotional health.