

NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE

COURSE SYLLABUS

Course Title: Systems Analysis and Design

Course #: CSC* 250

Course Description: 3 Credits. Introduction to analysis and design of business management systems, through the three stages of business systems design: analysis of information flow, systems specification and equipment, and selection and implementation of the system.

Pre-requisite/Co-requisite: CSC* 105 and one programming language course or concurrent enrollment in one programming language course. CSC* 231 is recommended.

Goals: Students are expected to

- be able to demonstrate knowledge and understanding of topics in the computing discipline and industry, both academically and within the needs of the workplace, as defined by the listed outcomes below.
- be able to articulate both verbally and written their scope of expertise in completing the study of course topics as they relate to the listed outcomes.
- increase their communication and presentation skills as they integrate computer knowledge into business systems using hardware and software components as required by the objectives in this course.

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

- demonstrate interviewing skills to determine system needs and requirements
- apply the concepts, vocabulary and methodology of systems analysis
- design and plan the installation and configuration of a computer project
- model and estimate the costs of developing a computer project
- develop necessary documents to support the design and implementation of a business system.

College Policies

Plagiarism: Plagiarism and Academic Dishonesty are not tolerated at Northwestern Connecticut Community College. Violators of this policy will be subject to sanction. 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 Roseann Dennerlein, the Counselor for Students with Disabilities. She is located at Green Woods Hall, in the Center for Student Development. Her phone number is 860-738-6307 (V/TTY) and her email is rdennerlein@nwcc.commnet.edu.

School Cancellations: If snowy or icy driving conditions cause the postponement or cancellation of classes, announcements will be made on local radio stations. 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.