

Computer Technology Department
Business and Technology Division
GREENVILLE TECHNICAL COLLEGE

COURSE SYLLABUS

Course Title: Information Systems

Course Number: CPT 113

READ THIS SYLLABUS CAREFULLY

You should read this syllabus carefully and ask your instructor about *any* aspects that you do not understand. The syllabus is an agreement between you and your instructor concerning course objectives, course content, grading, and other policies and procedures particular to this course. The following information is specific to the course. Three additional documents are provided as attachments and *are considered a part of this syllabus*:

Attachment 1:

Each instructor will provide a supplement to this syllabus. The supplement will include: a week-by-week plan of instruction based on the section in which you are enrolled; your instructor's name, office hours and/or office location; and your instructor's contact information and recommended best methods to contact your instructor.

Attachment 2:

The Department responsible for developing and teaching has policies and procedures in place to assure quality instruction for all students. These are attached as "Departmental Policies and Procedures."

Attachment 3:

Please note that it is your responsibility to read the current Student Handbook included in Greenville Technical College's Catalog. (See website.) The Student Handbook addresses specific academic and student conduct policies and procedures. Excerpts from the Student Handbook representing the policies and procedures most often referred to in working with students are provided for your convenience as "Attachment 3."

Approved by: _____

Phillip Cluley, Department Head for Computer Technology
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Approved by: _____

Date: _____

Joel D. Welch, Ph.D., PE
Dean, Technology Division

This syllabus will remain in effect until revised or reviewed no later than August 2016.

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Course Title: Information Systems

Course Number: CPT 113

Lecture hours per week: 3.0

Lab/Clinic Hours:

Semester credit hours: 3.0

Prerequisites: Placement into MAT032 or higher and placement into RDG 100 or higher

Catalog Course Description: This course is an introduction to the principles and technologies used in modern management information systems.

Purpose of the Course: To present a core of IS principles with which every student should be familiar. Provide a survey of the IS career that will enable all students to understand the relationship of advanced courses to the curriculum as a whole. To teach the changing role of the IS professional and show the value of the career as an attractive field of specialization.

Required text(s) and other materials:

1. MIS4; 4th Edition; Hossein Bidgoli; Cengage Learning; ISBN: 9781133589303
2. Alice 2.0: Introductory Concepts and Techniques; 1st Edition; Gary B. Shelly Thomas J. Cashman Charles W. Herbert; Cengage Learning; ISBN-13: 9781418859343 (NOTE: the book bundle ISBN that includes both books is: Bundle ISBN: 9781305244962)
3. USB flash drive 2 GB or greater
4. NOTE: Students in traditional classes must access Blackboard for course-related information. Students in hybrid and online classes will access their online content through Blackboard.

COLLEGE-WIDE STUDENT LEARNING OUTCOMES

1. Communication – Students will demonstrate the ability to use active reading and listening skills and to produce effective written and oral communication for varying audiences.
2. Information Technology and Technological Literacy – Students will demonstrate competency in using computer technology within a field of study.
3. Critical Thinking/Reasoning – Students will demonstrate the ability to apply the scientific method, mathematical processes, and research skills to analyze and solve problems/issues by using reflection and reasoning to justify conclusions.
4. Professional and Personal Responsibility – Students will demonstrate the ability to exhibit conduct, attitudes, and etiquette appropriate to the student’s community and chosen career. Students will demonstrate the ability to manage time, to use effective interpersonal skills, and to display responsible behavior.

5. Diversity – Students will demonstrate the ability to recognize diversity and to demonstrate respectful conduct and attitudes toward all. Students will demonstrate the ability to explain how global issues impact life, work, and opportunities.

Revised December 31, 2012

COMPUTER TECHNOLOGY PROGRAM LEVEL STUDENT LEARNING OUTCOMES
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Upon successful completion of the Computer Technology Degree students will be able to:

1. Install computer and network hardware.
2. Install computer operating systems and application software.
3. Design, create and test computer programming solutions.
4. Demonstrate the ability to take initiative, assume responsibility, and work under pressure with minimum supervision by successfully completing “hands-on” computer assignments.
5. Analyze, troubleshoot, and correct computer related technical problems.

Revised August 2012

CPT 113 COURSE OUTCOMES

Students who successfully complete this course will have demonstrated the skills required to accomplish the following objectives with a minimum competence level of 70 percent.

1. Demonstrated an understanding of the “language” (key terms and concepts) of information systems with respect to computer software, computer programming, and emerging IS trends.
2. Coded an Alice program that includes logical structures including selection (branching) and repetition (looping).
3. Demonstrated an understanding of Management Information Systems as it relates to business principles and the role of the IS professional.
4. Demonstrated an understanding of the theories and practices of MIS systems and their impact on business operations.
5. Completed a team presentation project.

The objectives of the CPT 113 course are intended to meet the CPT program level student learning outcomes.

CPT 113 – MAIN TOPICS

PLAN OF INSTRUCTION:

TEXT

<u>CHAPTER</u>	<u>MAJOR TOPICS</u>
Chapter 1	Information Systems
Chapter 2	E-Commerce
Chapter 3	Introduction to Object Oriented Programming Concepts (Objects, Classes, Methods, Properties)
Chapter 4	Introduction to Programming Logical Structures (Branching, Looping)
Chapter 5	Enterprise Systems
Chapter 6	Management Support Systems
Chapter 7	Intelligent Information Systems
Chapter 8	Emerging Trends, Technologies, and Applications
Chapter 9	Personal, Legal, Ethical, and Organizational Issues of Information Systems
Chapter 10	Global Information Systems

NOTE: Hands-on lab assignments and other student projects will be scheduled throughout the semester.

The instructor reserves the right to modify the Plan of Instruction by changing the sequence of text material or testing content.

CPT 113 – COURSE SPECIFIC REQUIREMENTS

SPECIAL NOTE TO ONLINE STUDENTS:

Online Students will be required to come to the Barton Campus to complete the fourth test, group project work, and the final exam. The number of required face-to-face events will vary from class to class, but online students should plan on four two-hour Barton Campus events during the course. Test four and the final examination will be scheduled at times determined by the instructor and will be posted in the course at least two weeks prior to the events.

CPT 113 – EVALUATION AND GRADING INFORMATION

GRADING POLICY

Emphasis will be placed on tests, assignments, group projects, and a cumulative final exam with the following weights:

Grades for this course will be calculated as follows:

Assignments	10 percent
Laboratories	10 percent
Group Projects	10 percent
Tests	50 percent
Final Exam	<u>20 percent</u>
Total	100 percent

Final letter grades will be issued as follows:

A	=	90 - 100
B	=	80 - 89
C	=	70 - 79
D	=	60 - 69
F	=	0 - 59