GREENVILLE TECHNICAL COLLEGE

Business and Technology Division
Computer Technology
Course Syllabus
Information Systems CPT 113

Credit/Contact Hours:
3.0

Prerequisite:
Placement into MAT 032 and placement into RDG 100

Co-requisite:
None

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

Purpose of 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.

GREENVILLE TECHNICAL COLLEGE

Required Texts:

1. MIS7; 7th Edition; Hossein Bidgoli; Cengage Learning; ISBN: 9781305667570

2. USB flash drive 2 GB or greater

3. 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.

Additional Materials:
SPECIAL NOTE TO HYBRID STUDENTS:

The number of required face-to-face events will vary from section to section, take a close look at details concerning your section.   Some sections meet face-to-face weekly other sections only meet a few times a semester.

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.

GREENVILLE TECHNICAL COLLEGE

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

Program Student Learning Outcomes:
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.

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Greenville Technical College Core Competencies:

Communication Core Competency: Students will demonstrate effective written and oral communication skills to convey information, ideas, or opinions.

- Written Communication: Students will demonstrate effective written communication skills to convey information, ideas, or opinions.
- Oral Communication: Students will demonstrate effective oral communication skills to convey information, ideas, or opinions.

Critical Thinking Core Competency: Students will demonstrate effective reasoning, problem solving, or quantitative skills to develop an opinion or conclusion.

- Critical Reasoning: Students will employ inquiry, analysis, and synthesis of information to formulate and/or evaluate an opinion or conclusion.

- Problem Reasoning: Students will design and formulate a strategy to answer a question or achieve a desired goal.
- Quantitative Reasoning: Students will be able to analyze numerical information or observable facts resulting in informed conclusions.

Information Literacy Core Competency: Students will be able to locate, evaluate, and use information effectively from diverse sources.

Professionalism Core Competency: Students will demonstrate conduct and etiquette appropriate to the community and chosen career.

- Professionalism: Students will display professional conduct and work habits.
- Teamwork: Students will collaborate with others to accomplish a shared goal.

Instructional Agreement:

This syllabus is an agreement between the student and instructor concerning course objectives, course content, grading and other policies and procedures particular to the course as well as any posted program, departmental, and divisional policies. It is also the student's responsibility to become familiar with the Student Handbook/College Catalog found in the Student Resource area of Blackboard.

Grading Scale:

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

GREENVILLE TECHNICAL COLLEGE

Grades for this course will be calculated as follows:

Assignments	10 percent
Laboratories	10 percent
Group Projects	15 percent
Tests	45 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

Course Policies:

PLAN OF INSTRUCTION:

TEXT

CHAPTER **MAJOR TOPICS**

Chapter 1   Information Systems

Chapter 2   What is software (what is a computer language)

Chapter 8   E-Commerce

Chapter 11 Enterprise Systems

Chapter 12 Management Support Systems

Chapter 13 Intelligent Information Systems

Chapter 14 Emerging Trends, Technologies, and Applications

Chapter 10 Requirements Gathering and Analysis, Design, Prototyping, Implementation

Chapter 4 Personal, Legal, Ethical, and Organizational Issues of Information Systems

Chapter 5 Protecting Information Resources

Chapter 9 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.

Disabilities Information

Students with disabilities, including those who were served in Special Education (resource or tutorial), should contact Student Disability Services (SDS) to discuss their need for services and accommodations. The main SDS office is located on the Barton Campus in the Student Center Building 105, office 113. Staff can be reached by phone at 864 250-8202 or via email to DisabilityServices@gvltec.edu . Appointments are available at all satellite campus locations. Please check the GTC website for more information concerning Student Disability Services: http://gvltec.edu/disability-services/

Efforts have been made to ensure all materials presented in an electronic format are accessible for students with disabilities and the college is committed to this obligation. However, if you experience any difficulty accessing these materials please notify your instructor immediately so a solution can be provided. You may also contact Student Disability Services directly at 864-250-8202 or by email at DisabilityServices@gvltec.edu.

Students who need a PDF reader for accessibility of course documents presented in PDF format may download a free reader at https://acrobat.adobe.com/us/en/products/pdf-reader.htm

GREENVILLE TECHNICAL COLLEGE

Starfish

We care about your success! Greenville Technical College is proud to offer Starfish, a software tool designed to promote student success through coordination and communication between students, instructors and support staff.

When you set up your profile in Starfish, you can connect with services, faculty and staff at Greenville Technical College. The link to Starfish is located in Blackboard. Throughout the term, you may receive emails regarding your attendance, course grades or academic performance.

To benefit from this software, it is important that you check your Greenville Technical College Gmail regularly and read the Starfish alerts. If your academic performance begins to drop, you may also be contacted directly by a Success Coach or the Student Success Center.

Start, Stay, Succeed!