GREENVILLE TECHNICAL COLLEGE

School of Business and Computer Technology
Computer Technology
Course Syllabus
Computer Technology Senior Project CPT 275
Fall 2020

Credit/Contact Hours:
3.0

Prerequisite:
CPT 264; IST 203 or IST 235 or IST 258 or IST 278; SPC 205 or SPC 209; and MAT 103 or MAT 109 or MAT 120 or higher math

Co-requisite:
None

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Course Description:
This course includes the design, development, testing, and implementation of an instructor-approved project.

Purpose of Course:
This course will provide the student with the opportunity to utilize the concepts and skills from previous coursework to analyze and develop a real-life project. This project will also allow the student to be a participant in a long-term team project and to deal with technical issues where independent research will be required.

Course Content:
Please refer to Syllabus Addendum in Blackboard to review the Tentative Course Schedule. Your instructor will provide a detailed, week-by-week plan of instruction along with method of delivery, testing, and assignment submission.

CPT 275 is the CPT Department's capstone course which provides students in all CPT concentrations (Network Administration, Systems Administration, and Web Programming) a chance to reflect and review coursework from all of their previous courses in the program.

All CPT 275 students with attend scheduled classes that feature class speakers from the IT industry or field trips to area organization IT departments, all designed to give CPT 275 students an exposure to the real-world IT industry before graduating. Each student will document each of these class sessions with a written report.

In addition to the classes and reports, all CPT 275 students will participate in a project or exam based on their CPT concentration. Web Programming students will be divided in to teams and given an RFP detailing a web application the team must create during the semester. Network Administration students must pass a three hour Performance

Required Texts:
Student will use the texts and support materials from previous relevant coursework. In addition, the Internet may be used along with other resource materials available from the instructor.

Additional Materials, Supplies, Equipment, and Technology (i.e. Webcams):
A USB portable storage device such as a flash drive may be needed for coursework storage.
Blackboard portal website via gvltec.edu:
- Students in traditional classes must access Blackboard for course-related information.

- Students in blended classes will access their online content through Blackboard.

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 Resources area of Blackboard.

Grading Scale:
GRADING POLICY FOR PROGRAMMING STUDENTS

Programming Students' overall grade will be calculated on the following items:

Guest Speaker and Field Trip Reports	30 percent
Programming Final Project	70 percent

The Computer Technology Department Programming Final Project grade (70% of overall grade) will be broken down into the following items:

Deliverable Evaluation Part 1 (Documentation)   20 percent

Mission Statement, Charter, Functional Specs, Design Documents

Deliverable Evaluation Part 2 (Database Design/Queries)   20 percent

Finalized Testing Report

Deliverable Evaluation Part 3   20 percent

Project Turnover, Users Guide, Presentation Demo to Class

Peer Evaluations	5 percent
Instructor Contact Evaluation	5 percent

The following factors will also be considered in grading programs:
1. The program must work correctly and produce the desired results.
2. The program must be written in the style specified by the instructor and described in class.
3. The program must be written with compactness in mind.
4. The documentation should be clear and meaningful.

GRADING POLICY FOR NETWORK ADMINISTRATION AND SYSTEMS ADMINISTRATION STUDENTS

Reports on Field Trips and Guest Speakers	30 percent
Performance Exam	70 percent

Final letter grades will be issued as follows:

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

Revised August 2018

Pass/Non-Pass Course Grade Option:
This course may be eligible for the Pass/Non-Pass Course Grade Option. A student must request this option prior to the withdrawal date of this course. If approved for this option, a grade of P will be assigned if the student earns a grade of C or higher. A grade of NP will be assigned for earning a D or F. Students are encouraged to talk with their instructor and meet with an advisor prior to requesting this option. Additional information may be found in the college catalog. Click on this link or additional information: Pass/Non-Pass

Instructional Continuity:
In the event of a disruption to the normal class schedule or planned activities for this course, alternate learning activities that may include other methods of instruction or locations may be implemented. If disruption occurs, your instructor will communicate through your GTC email (Gmail) account. Additionally, please make sure your contact information is accurate in GTC's emergency alert system (accessible in GTC4Me/Quick Access/GTC2me – Emergency Messaging).

Verification of Student in Online Classes:
Greenville Technical College is committed to student learning and the academic integrity of all courses. All GTC online courses are required to have at least one proctored learning activity that constitutes a significant percentage of the course grade, which may include a test, midterm, final exam, presentation or other assignment. Proctored is defined as an experience where an approved person ensures the identity of the student and monitors the learning activity. The proctored learning activity will be determined by the course instructor. The method of proctoring and any additional requirements, such as costs for students and/or trips to campus or approved testing center, will be explained in the course schedule/plan of instruction.

Honorlock:
Honorlock will proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You **DO NOT** need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection. For additional information on using Honorlock, click here.

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. (*Programming Students Only*) Demonstrate the ability to create, test, and document the code called for by a design document using current development environments and languages for application and database management.

2. (*Programming Students Only*) Demonstrate the ability to work with others through participation in team building assignment and commitment to team goals and values.

3. (*Network Systems Administration Students Only*) Create a network solution proposal based on predefined customer requirements.

4. (*Systems Administration Students Only*) Design and implement a datacenter solution that includes a Windows server, Linux server, and a client PC including a domain controller, server security, and various network server applications.

Assessment of Student Learning:
Greenville Technical College is committed to continuous improvement of teaching and learning. Tests, assignments, and/or projects required in this course may be shared with college faculty and used for assessment purposes. Also, student input is necessary for improving instruction and is requested through course evaluations. Students will be notified when evaluations are available.

Administrative Withdrawals:
Students may be administratively withdrawn from this course for the following reasons:

- **NIC (Never in Class)** Not attending a course during the drop/add period including failure to meet the attendance criteria in an online course. In this case, a grade of WA will be assigned. This WA will not count as an attempt and will not affect GPA.
- **14-Day Rule:** At any time during the semester and regardless of a student's use of financial aid benefits, the college will withdraw a student who is not in attendance for 14 consecutive calendar days including weekends, holidays, college breaks, and cancelled class sessions.
  - *Prior to the course withdrawal date,* the college policy is to assign a grade of W (Withdrawal). The student will earn no credits or grade points, and the W will not affect GPA. For students receiving financial aid, the course will count as an attempt and may affect future aid.
  - *After the course withdrawal date*, the college will assign a grade of WF for the course which will negatively affect GPA calculation. The student will be responsible for course payment and will not be eligible for a refund. The college will notify the student of the administrative withdrawal via official college email address. For students receiving financial aid, the course will be recorded as an attempt and may affect future financial aid awards.

Students may request a reinstatement. Reinstatements must be approved by the course instructor.

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Course Policies:
Computer Technology students must obtain a minimum grade of "C" in all CPT and IST courses.

Please refer to Departmental Polices in Blackboard to review additional course and department policies.

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Students with Disabilities:
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. ***This must be done each term***. The main SDS office is located on the Barton Campus in the Student Center Building 105, office 113.

Students may reach staff 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. Visit http://gvltec.edu/disability-services for more information.

The college is committed to providing materials that are accessible to all students. However, if you experience any difficulty accessing materials, please notify your instructor immediately so that we can provide a solution. 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 to access course documents presented in PDF formats may download Adobe Reader from https://get.adobe.com/reader.

Blackboard Ally

Blackboard Ally is a tool to improve students' experiences within online courses. It enables students to convert files in a course to more accessible formats such as HTML, electronic braille, audio and more. For more information, refer to Blackboard Ally for Students located in Student Resources in the course menu.

Technology Statement:
Greenville Technical College is not responsible for personal technology or internet access. Problems with computers, devices, or internet access are not acceptable for late work. When completing gradable coursework online, be sure to access a secure, reliable internet connection (preferably hardwired).

All technical questions should be directed to technical support. For details, visit https://www.gvltec.edu/about_greenvilletech/tech_support.

Students can access due dates for all assignments and quizzes/tests on the Course Schedule/Plan of Instruction. All graded work is time-stamped when submitted, so your

instructor can check the time of submission. In addition, you will receive a confirmation email message when you submit assignments via Blackboard. You must provide this confirmation information in case of any dispute regarding the submission.

Computer labs are available at multiple campus locations and offer various hours as well as staff who are available for assistance. For more information, please visit https://www.gvltec.edu/student_resources/computer_labs.

Student should use Microsoft Office programs or PDF format for submitting assignments in Blackboard. Students can access http://portal.office.com, log in with their <username>@my.gvltec.edu email address and Blackboard/GTC4me password, then follow the prompts to install Microsoft Office free of charge.

FERPA Policy:
Because Greenville Technical College abides by FERPA privacy guidelines, personal email accounts may not be used for any College-related communication. Faculty and students must use the college Gmail system only.

Start, Stay, Succeed!