St. Petersburg College

SPC

COURSE SYLLABUS

Introduction to Computer Programming

COP 1000, Section # 1079

Blended Instruction

Semester 0600: Spring 2022

WELCOME

Welcome to COP1000! COP 1000 is the foundation course for all computer programming courses in the College of Computer & Information Technology.

I am Professor Peters. I feel fortunate to be your professor this semester and to also have been a student at St. Petersburg College. My educational background includes a bachelor's degree in mathematics from the University of South Florida, a master's degree in instructional technology from the University of South Florida, and an Educator Preparation Institute Certificate from St. Petersburg College. My work experience includes a lengthy career in information technology and experience as a professionally certified high school teacher and as a college professor.

In order for you to be successful in this course; please become familiar with the course syllabus, submit each assignment by its due date, and attend every class. Please let me know as soon as possible if you are or were unable to submit an assignment on time or attend a class.

I look forward to your success in this course and hope you have an enjoyable and productive learning experience!

INSTRUCTOR

Name: Mark Peters

Email: Peters.Mark@spcollege.edu

Phone: (727-344-8077

Office and Online Chat Hours: By appointment. Use MyCourses' email for correspondence and scheduling.

Instructor Web Page: https://web.spcollege.edu/instructors/id/peters.mark

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ACADEMIC DEPARTMENT

DEAN

Name: Dr. John Duff

Office Location: St Petersburg/Gibbs - TE 116C

Office Phone Number: 727-341-4724

Email: duff.john@spcollege.edu

ACADEMIC CHAIR

Name: Dawn Ellis

Office Location: ES 213, Clearwater Campus

Office Phone Number: (727) 614-7025

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COURSE INFORMATION

Course Description: There are dozens of computer programming languages in the industry, but they all share some common features and capabilities. COP 1000 introduces the fundamental concepts, skills, and techniques needed to succeed as a computer programmer in any chosen programming language.

Course Goals: Students will learn to solve problems by coding computer programs, including programs requiring user inputs, selections, loops, functions, files, lists, and dictionaries.

Course Objectives:

The student will be able to write programs that:

- Read user keyboard inputs and assign same to variables of the appropriate data type.
- Perform calculations using basic arithmetic operators.
- Generate numeric output in specific formats.
- Use relational and logical operators in selections.
- Repeat blocks of statements in loops.
- Use both built-in and custom functions.
- Create and read text files that store data.
- Store data in lists and manipulate these lists.
- Store and retrieve data using dictionaries.

Additionally, the student will be able to:

- convert values between the decimal, binary, and hexadecimal number systems.
- write Python 3 programs that solve programming problems.

Prerequisites: Students will need reading skills sufficient for understanding the requirements of programming problems. Basic algebra skills will be needed to code programs that require calculations.

Availability of Course Content: This is a decision to be made by the individual instructor.

Other Critical Course Expectations: None

REQUIRED TEXTBOOK & OTHER RESOURCE INFORMATION

Required Textbook: Starting out with Python, **5th Edition**, by Tony Gaddis

Print ISBN: 9780136679110, 0136679110

eText ISBN: 9780136719199, 0136719198

NOTE: The access Card is not required but may help you to learn Python.

Publisher Information: PEARSON Publishing

Textbooks site at http://www.spcollege.edu/textbooks/

SPC Libraries: http://www.spcollege.edu/libraries/

LEARNER SUPPORT

View the Disability Resources site

View the Academic Support site

View the On-Campus and Online Support site

- SPC campuses have Learning Support Centers (LSCs) where students can seek help.
- Paid tutors are available for help at no cost to students. Check the link above for days and times of our LSCs.

View the [Student Services](#) site

Students with special needs can obtain assistance at a campus Student Services site.

IMPORTANT DATES

Course Dates: January 13 - March 3, 2022

Drop Date: January 14, 2022

Withdrawal Date: February 10, 2022

Location of Classes: ES 205 on Clearwater Campus

Class Times: Mondays from 2:30 pm - 4:40 pm

Course closes: Thursday March 3 at 4:40 pm

Financial Aid Dates: View the [Financial Aid Dates](#) site

DISCIPLINE-SPECIFIC INFORMATION

ATTENDANCE

View the college-wide attendance policy included in the [Syllabus Addendum](#).

Attendance will be based on the timely completion of course assessments.

GRADING

This is a **300-point** course, points being awarded according to the table below.

Category	Details	Points
Pseudocode Discussion Postings	2 problems @ 15,15 **6 postings**	30
Python Chapter Quizzes ***	7 quizzes @ 5	35
Python Preparation Assignments	7 programs @ 5	35
Python Programming Assignments **	7 programs @ 25 points	175
Number Systems Quiz *	6 conversions with methods	25
Total		300 points

*** Chapter Quizzes

- **Unlimited attempts** are permitted, highest score counts.

** Python Programming Assignments

- **Up to two submissions** are permitted if **both** are posted **within seven days of the due date**.
- **Submissions more than seven days late will not be accepted**.

* One attempt only

GRADING SYSTEM (IMPORTANT)

This course uses a **points system** with all **ungraded** assessments having an **initial value of zero**. This means your **current final grade** will be **I** (Incomplete) or **F** for several weeks. **Do not be alarmed**. As you complete graded assessments **your grade will gradually rise** through **D --> C --> B** and hopefully **A**. Just keep up with the graded assessments and you will succeed.

Grade Point Thresholds

GRADE	POINTS
Grade A	270 – 300 points
Grade B	240 – 269 points
Grade C	210 – 239 points
Grade D	180– 209 points
Grade F	0 – 179 points

FINAL EXAM INFORMATION (cancelled by Covid-19)

ACADEMIC HONESTY:

All students are expected to abide by the SPC Honor Code, viewable at
http://www.spcollege.edu/AcademicHonesty/

COLLABORATION POLICY (with tutors or classmates)

- Collaboration on quizzes and tests is strictly prohibited.
- **SPC provides tutors** an campus Learning Support Centers (LRCs): https://www.spcollege.edu/current-students/learning-resources
- Tutors are also available online at http://www.spcollege.edu/tutoring/
- **If you contact a tutor, make sure that the tutor is aware of all assignment requirements (especially the requirement to use only methods in our course).**
- **Ask the tutor to teach you the concepts needed to solve the problem. Don't let the tutor write the program for you.**
- You must ultimately **code each problem solution by yourself** without assistance.
- A suite of algorithms will be run to detect **plagiarism** in your code.
- If you collaborate with a tutor or others to solve the problem, **identify your collaborator(s)**.
- If you did not work with anyone, you should write "**Collaborators: none**."
- If you obtain a solution through research (e.g., on the Web), **acknowledge your source**, but write up the solution in your own words.
- **It is a violation of this policy to submit a problem solution that you cannot orally explain to the instructor**.

- **No other COP 1000 student may use your solutions**. It is a violation of this collaboration policy to permit anyone other than staff and yourself read-access to the location where you keep your code. Plagiarism and other anti-intellectual behavior cannot be tolerated in any academic environment that prides itself on individual accomplishment. If you have any questions about the collaboration policy, or if you feel that you may have violated the policy, please talk to your instructor. We are more understanding and lenient if we find out from the transgressor rather than from a third party.

STUDENTS' EXPECTATIONS AND INSTRUCTOR'S EXPECTATIONS

EXPECTATIONS FOR PYTHON ASSIGNMENTS

It is pointless to tackle coding assignments before learning the Python skills they require. It is expected that you will **prepare for assignments by**:

- **Reading** the relevant chapter in the course textbook.
- Entering and **running the textbook example programs** as you encounter them in the chapter.
- Working through all instructional links and documents in the relevant mycourses module.
- Completing the **Chapter Quiz**.
- Completing the assignment **preparation assignment** provided for each chapter.

- Python is a mature language and it is often possible to solve programming problems in more than one way, but your task is to demonstrate that you have grasped the Python concepts in the current module of **this course**.
- To earn grade points, the programs you submit must use **the techniques in this course** and only the techniques **in the current or previous modules**. Programs that don't use course coding techniques **will not earn grade points**.
- All programming problems in this course can be solved using the techniques in our course, so there is no need to seek help online.
- **Contact your course professor if you need assistance**.

HELP WITH PYTHON – STEPS TO TAKE

Resources are in place to help you, but **the first move is yours**.

- There is a Course Forum where you can ask questions. Your professor, or a classmate, will respond to help you.
- You can email your instructor with a Python question. Be specific and **attach your code** if necessary.

- Your instructor will strive to respond to emails within 24 hours on week days, 48 hours on weekends.
- You can seek out a tutor at a Learning Support Center. Look here: http://www.spcollege.edu/tutoring/
- Your professor may also be available during office hours. Refer to your professor's instructor page.

Above all, take action immediately to avoid falling behind! Do not procrastinate!

At the **60% point** of the course (February 10, 2022), **students who are far behind (2 assignments) may be dropped**.

PARTICIPATION, CONDUCT, & NETIQUETTE

SPC has outlined expectations for student behavior and interaction for online discussions, email, and other forms of communication. View the Student Expectations in the Syllabus Addendum.

COPYRIGHT

Copyrighted material within this course, or posted on this course website, is used in compliance with United States Copyright Law. Under that law you may use the material for educational purposes related to the learning outcomes of this course. You may not further download, copy, alter, or distribute the material unless in accordance with copyright law or with permission of the copyright holder. For more information on copyright visit: www.copyright.gov.

TURNITIN

The instructor of this course may require use of Turnitin.com as a tool to promote learning. The tool flags similarity and mechanical issues in written work that merit review. Use of the service enables students and faculty to identify areas that can be strengthened through improved paraphrasing, integration of sources, or proper citation. Submitted papers remain as source documents in the Turnitin database solely for the purpose of detecting originality. Students retain full copyright to their works. Review the Turnitin Usage Agreement. Students who do not wish to submit work through Turnitin must notify their instructor via course email within the first seven days of the course. In lieu of Turnitin use, faculty may require a student to submit copies of sources, preliminary drafts, a research journal, or an annotated bibliography.

STUDENT SURVEY OF INSTRUCTION

The Student Survey of Instruction is administered in courses each semester. It is designed to improve the quality of instruction at St. Petersburg College. All student responses are confidential and anonymous and will be used solely for the purpose of performance improvement.

TECHNOLOGY

MINIMUM REQUIREMENTS

View the [MyCourses Minimum Technology Requirements](#)

Students should know how to navigate the course and use the course tools. Dropbox-style assignments may require attachments in either Microsoft Word (.doc or .docx) or Rich Text Format (.rtf), so that they can be properly evaluated. If an attachment cannot be opened by the instructor, students will be required to re-format and re-submit an assignment so that it can be evaluated and returned with feedback.

Minimum Technical Skills:

MyCourses tutorials are available to students new to this LMS and are located at the beginning of the course. Most features on MyCourses are accessible on mobile devices, although **you will need a computer for quizzes, tests, and Python assignments**. Access to a **Windows or Mac computer** is required for this course. **Chromebooks don't work**.

Students must be able to run programs and save files on a computer.

ACCESSIBILITY OF TECHNOLOGY

View the [MyCourses (Brightspace by Desire2Learn) Accessibility Statement](#)

View the [Google Accessibility Statement](#)

View the [Pearson Accessibility Statement](#)

SPC Learning Support Centers have computers and software that you can use for this course.

PRIVACY

View the [MyCourses (Brightspace by Desire2Learn) Privacy Statement](#)

View the [Google Privacy Statement](#)

View the [Pearson Privacy Statement](#)

View the [Python Privacy Statement](#)

TECHNICAL SUPPORT

Technical support is available via the [Technical Support Desk](#).

ACCESSIBILITY

This course is designed to be welcoming to, accessible to, and usable by everyone, including students who are English-language learners, have a variety of learning styles, have disabilities, or are new to online learning. Be sure to let me know immediately if you encounter a required element or resource in the course that is not accessible to you. Also, let me know of changes I can make to the course so that it is more welcoming to, accessible to, or usable by students who take this course in the future.

If you have documentation of a disability or feel you may have a disability:

St. Petersburg College recognizes the importance of equal access to learning opportunities for all students. Accessibility Services (AS) is the campus office that works with students who have disabilities to provide and/or arrange reasonable accommodations. Students registered with AS, who are requesting accommodations, are encouraged to contact their instructor by the first week of the semester. Students who have, or think they may have, a disability (e.g. learning disability, ADD/ADHD, psychiatric, medical/orthopedic, vision, and/or hearing), are invited to contact the Accessibility Coordinator (AC) that serves your campus for a confidential discussion. To find your AC for your specific campus, please go to the college-wide Accessibility Services website: https://www.spcollege.edu/accessibility

ESSENTIAL SKILLS AND TECHNICAL STANDARDS

The field of computers and information technology is intellectually and at times physically challenging. The Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973 ensure that qualified applicants have the ability to pursue program admission. However, all students must meet the essential skills and technical standards required of the St. Petersburg College of Computer and Information Technology Programs with or without reasonable accommodations for admission and completion of the program to prepare for the profession of study. Each student will be held to the same standards with or without reasonable accommodations. Our focus is the student and to best prepare him or her for the profession. Our goal is for them to enter and complete the program without barriers.

St. Petersburg College Essential Functions

College of Computer and Information Technology

The essential functions described in this document are based on the knowledge and skills as prescribed by the Florida State Department of Education's Curriculum Framework for each AS degree in the College of Computer and Information Technology. Students who graduate from the following AS Programs are required to meet the expectations of the program's essential functions, and the functions list assists students in determining whether they can meet the performance expectations of the program, with or without accommodations.

SPC CCIT Computer and Programming Analysis AS: Essential Functions

COMPETENCY	ESSENTIAL FUNCTION	EXAMPLES OF REQUIRED FUNCTIONS (not all inclusive)
Interpersonal Communication	Customer service, human relations and communication skills sufficient for effective interaction with others, whether in verbal or oral formats.	· Communicate effectively with clients and team members by displaying excellent verbal/oral, written and listening skills. · Ability to demonstrate appropriate positive social skills to interact with clients, team members and colleagues.
Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	· Demonstrate ability to conceptualize, analyze, synthesize, and evaluate a problem and propose an adequate solution. · Analyze and evaluate problems to determine if given data and information will produce required outputs.
Complex Problem Solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	· Capacity to solve novel, ill-defined problems in a complex, real-world setting. · Ability to reduce a complex problem to a series of ordered steps. · Identify both positive and negative factors that could impact the solution to a problem and prepare measures to manage those factors.

Computation	Applying the knowledge of mathematics to solve problems.	· Identify mathematical and statistical analysis procedures needed to develop a solution. · Ability to apply similar problem solving techniques utilized in mathematics to solve logical computing and technology problems.
Programming and Analysis	An understanding of writing computer programs by describing the process, procedure and the algorithm.	· Articulate a series of actions or steps to achieve an end in a certain order. · Evaluate an ordered set of steps to solve a problem. · Determine the precision and accuracy required for a task.
Professional	Broad understanding of the industry and demonstrated programming and technical skills	· Maintain knowledge of the tools, techniques and resources to remain current in the IT field. · Ability to complete an internship in the IT field. · Develop the skills needed to take the aligned industry certification(s).

SPC CCIT Computer Information Technology AS: Essential Functions

COMPETENCY	ESSENTIAL FUNCTION	EXAMPLES OF REQUIRED FUNCTIONS **(not all inclusive)**
Interpersonal Communication	Customer service, human relations and communication skills sufficient for effective interaction with others, whether in verbal or oral formats.	· Communicate effectively with clients and team members by displaying excellent verbal/oral, written and listening skills. · Ability to demonstrate appropriate positive social skills to interact with clients, team members and colleagues.
Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or	· Demonstrate ability to conceptualize, analyze, synthesize, and evaluate a problem and propose an adequate solution. · Analyze and evaluate problems to determine if given data and information will produce required outputs.

COMPETENCY	ESSENTIAL FUNCTION	EXAMPLES OF REQUIRED FUNCTIONS (not all inclusive)
		approaches to problems.
Complex Problem Solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	· Capacity to solve novel, ill-defined problems in a complex, real-world setting. · Ability to reduce a complex problem to a series of ordered steps. · Identify both positive and negative factors that could impact the solution to a problem and prepare measures to manage those factors.
Computation	Applying the knowledge of mathematics to solve problems.	· Identify mathematical and statistical analysis procedures needed to develop a solution. · Ability to apply similar problem solving techniques utilized in mathematics to solve logical computing and technology problems. · Identify hardware and software tools needed to perform the job.
Computers and Technology	Knowledge of computer hardware and software, including applications and programming.	· Provide support for equipment installation, maintenance, and repair; and application software. · Ability to diagnose and troubleshoot hardware and software problems.
Professional	Broad understanding of the industry and demonstrated help desk technical skills	· Maintain knowledge of the tools, techniques and resources to remain current in the IT field. · Ability to complete an internship in the IT field. · Develop the skills needed to take the aligned industry certification(s).

SPC CCIT Computer Networking AS: Essential Functions

COMPETENCY	ESSENTIAL FUNCTION	EXAMPLES OF REQUIRED FUNCTIONS (not all inclusive)

Interpersonal Communication	Customer service, human relations and communication skills sufficient for effective interaction with others, whether in verbal or oral formats.	· Communicate effectively with clients and team members by displaying excellent verbal/oral, written and listening skills. · Ability to demonstrate appropriate positive social skills to interact with clients, team members and colleagues.
Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	· Demonstrate ability to conceptualize, analyze, synthesize, and evaluate a problem and propose an adequate solution. · Analyze and evaluate problems to determine if given data and information will produce required outputs.
Complex Problem Solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	· Capacity to solve novel, ill-defined problems in a complex, real-world setting. · Ability to reduce a complex problem to a series of ordered steps. · Identify both positive and negative factors that could impact the solution to a problem and prepare measures to manage those factors.
Computation	Applying the knowledge of mathematics to solve problems.	· Identify mathematical and statistical analysis procedures needed to develop a solution. · Ability to apply similar problem solving techniques utilized in mathematics to solve logical computing and technology problems. · Demonstrate visual acuity to identify specific computer hardware components, component types, wire colors, etc.
Computers and Networks	Knowledge of computer and networking hardware and software, including applications.	· Ability to manage hardware/software applications in a networking environment including project development. · Provide support for equipment installation, maintenance, and repair. · Capability to troubleshoot and maintain network installations given a specific problem scenario.

		· Maintain knowledge of the tools, techniques and resources to remain current in the IT field.
Professional	Broad understanding of the industry and demonstrated networking technical skills	· Ability to complete an internship in the IT field.
		· Develop the skills needed to take the aligned industry certification(s).

SPC CCIT Cybersecurity AS: Essential Functions

COMPETENCY	ESSENTIAL FUNCTION	EXAMPLES OF REQUIRED FUNCTIONS (not all inclusive)
Interpersonal Communication	Customer service, human relations and communication skills sufficient for effective interaction with others, whether in verbal or oral formats.	· Communicate effectively with clients and team members by displaying excellent verbal/oral, written and listening skills. · Ability to demonstrate appropriate positive social skills to interact with clients, team members and colleagues.
Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	· Demonstrate ability to conceptualize, analyze, synthesize, and evaluate a problem and propose an adequate solution. · Analyze and evaluate problems to determine if given data and information will produce required outputs.
Complex Problem Solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	· Capacity to solve novel, ill-defined problems in a complex, real-world setting. · Ability to reduce a complex problem to a series of ordered steps. · Identify both positive and negative factors that could impact the solution to a problem and prepare measures to manage those factors.
Computation	Applying the knowledge of mathematics to solve problems.	· Identify mathematical and statistical analysis procedures needed to develop a solution.

COMPETENCY	ESSENTIAL FUNCTION	EXAMPLES OF REQUIRED FUNCTIONS (not all inclusive)
Computers, Networks and Security	Knowledge of computer, security and networking hardware and software, including applications.	· Ability to apply similar problem solving techniques utilized in mathematics to solve logical computing and technology problems. · Demonstrate visual acuity to identify specific computer hardware components, component types, wire colors, etc. · Ability to manage hardware/software applications in a networking environment including project development. · Provide support for equipment installation, maintenance, and repair. · Capability to troubleshoot and maintain network installations given a specific problem scenario.
Professional	Broad understanding of the industry and demonstrated networking and security technical skills	· Identify relevant policies, procedures and strategies to promote effective security operations for the protection of people, data, property and institutions. · Maintain knowledge of the tools, techniques and resources to remain current in the IT field. · Ability to complete an internship in the IT field. · Develop the skills needed to take the aligned industry certification(s).

SPC CCIT Web Development AS: Essential Functions

COMPETENCY	ESSENTIAL FUNCTION	EXAMPLES OF REQUIRED FUNCTIONS (not all inclusive)
Interpersonal Communication	Customer service, human relations and communication skills sufficient for effective interaction with others, whether in verbal or oral formats.	· Communicate effectively with clients and team members by displaying excellent verbal/oral, written and listening skills. · Ability to demonstrate appropriate positive social skills to interact with clients, team members and colleagues.

Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	· Demonstrate ability to conceptualize, analyze, synthesize, and evaluate a problem and propose an adequate solution. · Analyze and evaluate problems to determine if given data and information will produce required outputs.
Complex Problem Solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	· Capability to solve novel, ill-defined problems in a complex, real-world setting. · Ability to reduce a complex problem to a series of ordered steps. Identify both positive and negative factors that could impact the solution to a problem and prepare measures to manage those factors.
Computation	Applying the knowledge of mathematics to solve problems.	· Identify mathematical and statistical analysis procedures needed to develop a solution. · Ability to apply similar problem solving techniques utilized in mathematics to solve logical computing and technology problems. · Articulate a series of actions or steps to achieve an end in a certain order.
Programming and Analysis	An understanding of writing computer programs by describing the process, procedure and the algorithm.	· Evaluate an ordered set of steps to solve a problem. · Determine the precision and accuracy required for a task.
Professional	Broad understanding of the industry and demonstrated web development and programming technical skills	· Maintain knowledge of the tools, techniques and resources to remain current in the IT field. · Ability to complete an internship in the IT field. · Develop the skills needed to take the aligned industry certification(s).

The essential functions described in this document are based on the knowledge and skills as prescribed by the Florida State Department of Education's Curriculum Framework for each AS degree in the College of Computer and Information

Technology. BAS programs provide degree completion opportunities for students from a variety of educational backgrounds, but primarily those with A.S. degrees or the equivalent. Students who graduate from the following BAS Program are required to meet the expectations of the program's essential functions, and the functions list assists students in determining whether they can meet the performance expectations of the program, with or without accommodations.

SPC CCIT Technology Development and Management BAS Essential Functions

COMPETENCY	ESSENTIAL FUNCTION	EXAMPLES OF REQUIRED FUNCTIONS (not all inclusive)
Interpersonal Communication	Customer service, human relations and communication skills sufficient for effective interaction with others, whether in verbal or oral formats.	· Communicate effectively with clients and team members by displaying excellent verbal/oral, written and listening skills. · Ability to demonstrate appropriate positive social skills to interact with clients, team members and colleagues.
Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	· Demonstrate ability to conceptualize, analyze, synthesize, and evaluate a problem and propose an adequate solution. · Analyze and evaluate problems to determine if given data and information will produce required outputs.
Complex Problem Solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	· Capacity to solve novel, ill-defined problems in a complex, real-world setting. · Ability to reduce a complex problem to a series of ordered steps. · Identify both positive and negative factors that could impact the solution to a problem and prepare measures to manage those factors.
Computation	Applying the knowledge of mathematics to solve problems.	· Identify mathematical and statistical analysis procedures needed to develop a solution. · Ability to apply similar problem solving techniques utilized in mathematics to solve logical computing and technology problems.

Management	Management & leadership skills sufficient to provide key operations, supervise staff, and maintain staff operations	· Articulate team participation and leadership skills. · Demonstrate organizational skills through successful system design. · Ability to manage multiple projects and prioritize.
Systems Evaluation and Analysis	Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.	· Capability to analyze business situations and design appropriate solutions. · Ability to use systems analysis and design modeling methods and techniques to analyze systems. ·
Professional	Broad understanding of the industry and demonstrated management and technical skills	· Maintain knowledge of the tools, techniques and resources to remain current in the IT field. · Ability to complete an internship in the IT field. · Develop the skills needed to take the aligned industry certification(s).

If a student cannot demonstrate the abilities above, it is the responsibility of the student to request an appropriate accommodation with Accessibility Services. Please contact the Accessibility Coordinator on your campus or visit www.spcollege.edu/accessibility. Determination of a reasonable accommodation will be made on an individual basis and the accommodation cannot fundamentally alter the nature of the program offered, impose an undue hardship, or jeopardize safety.

CAREER READY PREPAREDNESS PROGRAM

The College of Computer and Information Technology (CCIT) has implemented a Career Ready Preparedness Program (CCRP) where you the student will set up your electronic portfolio in MyCourses and participate in online career workshops. There are a total of five components in the CRPP and they have been spaced out over the courses in the program. Students enrolled in a CCIT Associate in Science (AS) degree program requiring an internship must complete all components prior to enrollment in the Internship course. This course contains two of the associated components and they are graded assignments

INSTRUCTIONAL CONTINUITY PLAN - EMERGENCY PREPAREDNESS POLICY

The St. Petersburg College website at www.spcollege.edu is the official source of college information regarding the status of the institution. Other important information

will be communicated via SPC Alert, local media outlets, and the college toll-free phone number 866-822-3978. All decisions concerning the discontinuation of college functions, cancellation of classes, or cessation of operations rest with the President or his/her designee. The College realizes that it is possible for a significant natural disaster to compromise SPC campus facilities sufficiently to disrupt the delivery of classes on campus/campuses for an extended period of time, and is planning ways our operations can continue following such an emergency.

So, in the event that a hurricane or other natural disaster causes significant damage to St. Petersburg College facilities, you may be provided the opportunity to complete your course work online. Following the event, please visit the college website for an announcement of the College's plan to resume operations.

Further, in the event of such a disaster, the instructor will continue using the Learning Management System (LMS) of MyCourses for continuation of all required learning and instructional activities in this course, including the issuing of graded online assignments and expectation of student completion of those graded assignments.

Therefore, in order to keep up with all activities in this course during and after a natural disaster, please plan to continue this course by maintaining online access to MyCourses in lieu of meeting in a classroom—possibly through duration of the course's regularly scheduled end date. We will finish this course in MyCourses, as directed by your instructor online, and your instructor will use all graded assignments—both online and formerly on-campus—to assess and issue your final letter grade for this course, as normally planned, despite occurrence of the natural disaster.