COURSE SYLLABUS

Intermediate Computer Programming

COP3035, Section #2824

Online Instruction

0545: Summer 2018

View How to Be a Successful Student (Syllabus Addendum) which provides details about success factors and links to the most current version of fluid information, such as the academic calendar.

WELCOME

Welcome to COP3035, Intermediate Programming!

INSTRUCTOR

Name: Professor Dawn Ellis, Academic Chair, Clearwater

Email: ellis.dawn@spcollege.edu

Phone: 727-614-7025

Office and Online Chat Hours: Please see my instructor schedule linked below. It is always best to either email or call if you would like to stop by my office.

Office Location: Clearwater, ES213B

Instructor Webpage: http://web.spcollege.edu/instructors/id/ellis.dawn

ACADEMIC DEPARTMENT

Dean

Name: Mr. John Long, Acting Dean

Office Location: TE116C, St. Pete/Gibbs Campus

Office Phone Number: (727) 341-4620

Email: long.john@spcollege.edu

Website

CCIT

COURSE INFORMATION

Course Description

As an intermediate level computer programming course, students will build upon their programming knowledge and skills by using an appropriate programming language to plan, code, and debug object-oriented computer programs. Course topics include the design and use of common OOP data structures and their associated algorithms.

Course Major Learning Outcomes and Learning Objectives

COP3035 Major Learning Outcomes and Learning Objectives.html

Prerequisites (Beginning, Fall 2017)

Admission to the Technology Management and Development B.A.S. software development subplan.

Availability of Course Content

All modules are available on the first day of class, however, there are submission conditions on the drop box folders. Content will open, based on your submission to the drop boxes. Please refer to the schedule of assignments posted in the content module “Schedule of Assignments”.

You may work ahead, but you may not work behind. Due dates are strictly enforced.

REQUIRED TEXTBOOK & OTHER RESOURCE INFORMATION

LMS Integrated for MindTap Computing, 1 term Printed Access Card for Malik’s C++ Programming: From Analysis to Program Design

Publisher Information: Cengage Learning

ISBN: 978-1337631976

Note: You may only purchase valid access codes for this course through the SPC bookstore , or during the MindTap registration process. Third party access codes are not valid (Third party example – Amazon).

We will be using Microsoft Visual Studio for Dropbox assignments. You will need to download the community edition of the IDE.

View the Textbooks site.

View the SPC Libraries and Services site.

LEARNER SUPPORT

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.

View the Academic Support and Student Success site.

View the On Campus and Online Support site.

View the Student Services site.

IMPORTANT DATES

View the Academic Calendar.

Course Dates: View the Academic Calendar.

Drop Date: View the Academic Calendar.

Withdrawal Date: View the Academic Calendar.

Financial Aid Dates: View the Financial Aid Dates.

ATTENDANCE

View the college-wide attendance policy included in How to Be a Successful Student.

The policy notes that each instructor is to exercise professional judgment and define "active participation" in class (and therefore "attendance"), and publish that definition in each syllabus.

Attendance will be taken for the first two weeks of class to determine if you have been actively participating in the class. If you are not actively participating for the first two weeks, you will be withdrawn from the class with a “W”. You will also be denied access to the course on MyCourses.

You need to complete the following to be considered actively participating in the class:

1. Begin Here & Syllabus Quiz.
2. A minimum of 70% of Module 1 assignments (at least two assignments).

At the 60% point of the class, attendance will be taken for the third time to determine that you have been actively participating. If you are not considered not actively participating in the course at the 60% point, you will be withdrawn with a “WF”.

This will be determined by the following:

1. Completion of at least 70% of work assigned to date.

Students are required to withdraw themselves on or before the 60% point in the course to receive a grade of “W”. The final date for voluntary withdrawal is published in the academic calendar.

GRADING

Each module contains a variety of assignments including, quizzes , practical application of the skill via MindTap, and drop box assignments. Each assignment has an assigned point value and that value is listed in the assignment itself, and within the course content.

Title	Points
Module 1 C++ Review	30
Module 2 Object-Oriented Design	60
Module 3 Object-Oriented Programming	100
Module 4 Recursive Programming	60
Module 5 Object-Oriented Data Structures	160
Total	410

(See Assignment Checklist for detailed breakdown)

A - 90% - 369 - 410

B - 80% - 328 - 368

C - 70% - 287 - 327

D - 60% - 246 - 286

F - below 59% - 0 - 245

How to check your Grades and review feedback:

- Checking Your Grades
- Reviewing Dropbox Submissions
- Checking Discussion Grades and Feedback
- Reviewing Quiz Submissions

Grading Scale

90-100 = A

80-89 = B

70-79 = C

60-69 = D

0-59 = F

ASSIGNMENTS

See COP3035 Assignment Schedule

STUDENTS' EXPECTATIONS AND INSTRUCTOR'S EXPECTATIONS

Student Expectations

- You are expected to login to my|Courses on a regular basis (at least every other day). Your instructor communicates with you using the my|Courses email.
- If you need help with C++, resources are in place to help you. Each module has a forum in which you can pose questions for your classmates or your professor to answer. The Learning Resource Center is staffed with faculty and staff who can provide help. Check the schedule before visiting your home campus.SPC tutoring schedule
- If there are problems with completion of the assignment by the appointed date, the student must discuss the matter with the instructor PRIOR to the due date.
- It is the student's responsibility to follow the schedule of class assignments.
- Late work will not be accepted, graded, or reviewed unless permission is granted PRIOR to assignment due dates. In the event an emergency occurs, please contact your instructor regarding college policy for submitting documentation.

Instructor Expectations

- I will provide meaningful activities to develop your programming skills.
- I will be available to you if you have questions or concerns.
- I will respond to emails within 1 school day. If I anticipate a delay in communications, I will indicate so in an email prior to my absence.
- I will evaluate your coursework within 5 school days after the due date of an assignment.

Participation, Conduct, and Netiquette

SPC has outlined expectations for student behavior and interaction for online discussions, email, and other forms of communication. View the Student Expectations in How to Be a Successful Student.

Academic Honesty

View the Academic Honesty Policy. Academic integrity violations will not be tolerated. Submitting code that is not your own is plagiarism. Plagiarism is a violation of SPC's academic integrity policy. If you are found in violation of the academic honesty policy penalties are as follows:

- The first offense will result in a zero for the assignment/exam on which it occurred and you will be reported to the Dean/Academic Chair for placement in the academic integrity violation database.
- The second offense will result in an F for the course.

If plagiarism is suspected, you will be contacted and asked to explain how the codes work and why a problem was solved a particular way.

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.

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 Technology Requirements

View the Technical Requirements for MyCourses.

Item	Recommended Minimum Technology Requirements for CCIT Programs
Processor	Dual-core processor (Intel or AMD)
Memory	4 GB (or higher)
Disk Storage	Adequate free space for storage of class files
Video Card	256 MB (or higher)
Monitor/Speakers	15” or larger Flat LCD Panel
Media Drive	16x DVD +/- RW
Operating System	Windows 7 (or higher)
Network Interface	High Speed Broadband Internet Connection (Cable or DSL)
Software	Microsoft Office Suite 2013 or later with the following: • Word Microsoft Visual Studio Community Edition (2017)
Access requirements	Reliable and daily access to a personal computer (PC) from day 1 of class as below:

	• Ability to download/upload documents and files
	• Browsers:
	  ○ Internet Explorer (version 11 or higher)
	  ○ Firefox (version 31.0 or higher
	  ○ Google Chrome 36.0

These are the minimum suggested technology requirements necessary to complete the programs within CCIT. All students and instructors are required to have access to a personal computer, personal high speed access to the Internet, and a college provided email account. The “minimum requirements” pertain to Windows Operating System compatible personal computers. These minimum requirements are a general recommendation for all CCIT courses. Some courses may have additional software and hardware requirements in order for students to be successful.

NOTE: Mac computers are not acceptable for most of the courses and may cause the student undue frustrations. Instructors do not support issues with Mac computers.

View the system requirements for Visual Studio 2017 Community Edition

Minimum Technical Skills: (For all online courses)

An Internet connection is necessary to participate in discussions and assignments, access readings, transfer course work, and receive feedback from your instructional associate and/or professor. For web-based courses, students should have a basic working knowledge of computers and Internet use as well as access to a computer with a broadband (DSL, cable, satellite) Internet connection. As an online student you will have a much different "classroom" experience than a traditional student. In order to ensure that you are fully prepared for your online courses, following is a list of expectations and requirements:

1. Self-discipline
2. Problem solving skills
3. Critical thinking skills
4. Enjoy communication in the written word

As part of your online experience, you can expect to utilize a variety of technology mediums as part of your curriculum:

1. Communicate via email including sending attachments
2. Navigate the World Wide Web using a Web browser such as Internet Explorer
3. Be willing to learn how to communicate using a discussion board and upload assignments to a classroom Web site.
4. Be comfortable uploading and downloading saved files
5. Have easy access to the Internet

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.

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 it is recommended that you use a computer for quizzes, tests, and essay assignments.

Accessibility of Technology

- MyCourses (Brightspace by Desire2Learn) Accessibility
- Cengage Accessibility
- Visual Studio Accessibility
- Google (YouTube) Accessibility

Privacy

- MyCourses (Brightspace by Desire2Learn) Privacy
- Cengage Privacy
- Visual Studio Privacy
- YouTube Privacy

Technical Support

Technical support is available via the Technical Support Desk Call Center.

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.