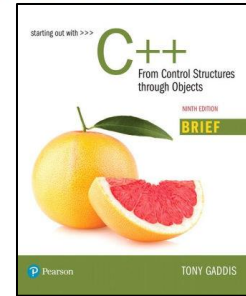


Syllabus: **Programming Fundamentals I**
Course Number: **COSC 1336**
Semester & Year:
Building & Room:



Instructor Information

Name:
 Office: Business & Computer Technology Building, Room
 Telephone: 903-823-
 E-mail:
 Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday

Textbook Information

Starting out with C++ From Control Structures through Objects, Ninth Edition, Brief Version, loose-leaf printed version with Pearson MyLab Programming access (including e-book)
 by Tony Gaddis **ISBN: 978-0-13-522675-9**

Student Learning Outcomes for the Course

1. Describe how data are represented, manipulated, and stored in a computer.
2. Categorize different programming languages and their uses.
3. Understand and use the fundamental concepts of data types, structured programming, algorithmic design, and user interface design.
4. Demonstrate a fundamental understanding of software development methodologies, including modular design, pseudo code, flowcharting, structure charts, data types, control structures, functions, and arrays.
5. Develop projects that utilize logical algorithms from specifications and requirements statements.
6. Demonstrate appropriate design, coding, testing, and documenting of computer programs that implement project specifications and requirements.
7. Apply computer programming concepts to new problems or situations.

Student Requirements for Completion of Course and Due Dates

For the student's convenience and ease of access, a table containing all test names and their due dates have been placed on page 6 of this syllabus. Assignments will be given along with their due dates throughout the semester.

Student Assessment

Your grade will be determined as follows:

Programming Assignments and other homework	30%
Exams and Quizzes	50%
Final Exam	20%

Grading Scale

Your letter grade is defined as follows:

Grade	
A	90-100
B	80-89.99
C	70-79.99
D	60-69.99
F	Below 60

Class Schedule

This is a **tentative** schedule that is subject to change as necessary.

Week	Dates	Chapter	Topics	Deadlines
1			Syllabus, Intro	
2		Chapter 1	Introduction to Computers and Programming	
3		Chapter 2	Introduction to C++	
4		Chapter 3	Expressions and Interactivity	
5				Exam 1
6		Chapter 4	Making Decisions	
7				
8		Chapter 5	Loops and Files	
9				Exam 2
10		Chapter 6	Functions	
11				
12		Chapter 7	Arrays and Vectors	
13		Last Day to Drop:		Exam 3
Thanksgiving Break				
14		Chapter 8	Searching and Sorting Arrays	
15				
16		Final		Final Exam

Attendance Policy

Texarkana College's absentee policy allows instructors to withdraw a student from a course due to excessive absences. If a student leaves and returns during class or leaves the class before the class is over, he/she **may** be considered absent. Three tardies constitute one absence. It is the student's responsibility to check the syllabus for each instructor's tardy policy.

In some workforce/vocational areas, such as nursing and cosmetology, certification requirements necessitate an absentee policy that is more stringent than the institutional policy. In these instances, the matter of certification takes precedence over local policies, since certification policies are established by the State of Texas.

Faculty members **are not** obligated to provide opportunities for students to make-up missed assignments and tests as a result of a student's absence from class. The institution is not required to take attendance with the exception of workforce/vocational areas, where certification requirements require taking attendance. However, experience demonstrates that regular attendance enhances academic success. As such, students are expected to attend each meeting of their registered courses.

A student should not stop attending a class without formally withdrawing from the course by the institutions published Last Day for Students to Drop (). If a student stops attending class after the published Last Day for Students to Drop, the student **may** receive a grade of "F" in the class. The instructor will submit the last date of attendance for students receiving a grade of "F" or "W".

Withdrawal from a course(s) **may** affect a student's current or future financial aid eligibility. Students should consult the Financial Aid Office to learn both short and long term consequences of a withdrawal.

EXCUSED ABSENCES

A student's absence due to school trips and/or school business will not be counted against a student's allowable number of absences. Military duty and absences for Holy Days (FBD LEGAL) are covered in a separate section of the catalog and the student handbook. These are the only excused absences that are considered by Texarkana College. Responsibility for work missed for any absence is placed on the student. Instructors are required to allow students to make up work missed if the absence is due to military duty* or religious holy days when students follow the correct notification procedures. Instructors are not required to allow students to make up work for absences due to other reasons. Make-up policies are listed in each individual instructor's syllabus.

**Students interested in Health Occupations should check with the division chair prior to entering the program.*

MAXIMUM ALLOWABLE ABSENCES

After official registration, the following number of unexcused absences will be the maximum allowable before a student **may** be dropped from the class. Mandated program certification requirements detailed for certain programs regarding the maximum allowable unexcused absences takes precedence over the following information.

Academic Classes

A COURSE THAT MEETS FOR THE FULL 16 WEEK SEMESTER	
Class or Lab Meets:	An instructor may withdraw a student from a course if absences exceed:
Once a week (Night classes or Friday classes)	2
Twice a week (MW or TR classes)	4
	Three tardies count as one absence

Make-up Policy

Exams must be made up within 1 week of the scheduled time the class takes the exam; however, if you fail to take the Final Exam by the end of the scheduled final exam period, it cannot be made up.

Class assignments and homework must be turned in on time. Given extreme circumstances, you may be allowed to turn in weekly assignments slightly late; this, however, cannot be the norm.

Academic Integrity Statement

Scholastic dishonesty, involving but not limited to cheating on a test, plagiarism, collusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an "F".

This policy applies campus wide, including TC Testing Center, as well as off-campus classroom or lab sites, including dual credit campuses. This information can be found in the Student Handbook.

Cheating will not be tolerated. **The instructor will drop any student involved in cheating from the course with a grade of "F."** All assignments must represent the student's own work. A student may discuss assignments with other students to gain a better understanding of the problem. However, copying projects or assignments, in whole or in part, from ANY source, without explicit instructor direction, is considered plagiarism and will result



in a failing grade for the course and possible college disciplinary action as outlined in the Student Handbook section: **ACADEMIC DISHONESTY**.

Students are required to originate, complete, and maintain their project assignment documents in the network folders assigned to them using Texarkana College computer equipment.

It is expected that students will conduct themselves with integrity. If you cheat or assist others in cheating, you violate a trust.

Disability Act Statement:

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Tonja Blaise at 903.823.3349, or go by the Department of Disabilities Services located in the Palmer Memorial Library for personal assistance.

If you have an accommodation letter from their office indicating that you have a disability which requires academic accommodations, please present it to me so we can discuss the accommodations that you might need for this class. *It is best to request these changes at the beginning if not before the start of class* so there is ample time to make the accommodations.

Financial Aid:

Attention! Dropping this class may affect your funding in a negative way! You could owe money to the college and/or federal government. Please check with the Financial Aid office before making a decision.

Basic Needs Security Statement

Any student who has difficulty affording groceries or accessing enough food to eat every day, or who lacks a safe and stable place to live and believes this may affect their performance in this course or ability to remain in school, is urged to contact Tonja Blasé, Director of Student Retention, at 903.823.3349 for support. Furthermore, please notify the professor if you are comfortable in doing so.

Miscellaneous Texarkana College Policies

Students are not allowed to bring food or drinks into the classroom, lab, or the Testing Center. The cost of damage to computer equipment, carpet, and furniture can be significant due to a minor mishap. Students are not allowed to bring a cellular phone, pager, or other wireless communication device for use in a classroom or lab without prior written approval from the instructor.

The viewing of pornography is prohibited and will result in being dropped from class with the grade of "F", and the Dean of Students will take disciplinary action. The use of student e-mail for obscene or pornographic purposes is prohibited. Any form of harassment will result in dismissal from class with the grade of "F", and the Dean of Students will take disciplinary action. The Computer Lab is under camera surveillance.

Classroom Cell Phone Policy:

Students should turn cell phones off or at least put them on silent. Do not conduct phone calls or text in class. It can wait. If you must take a call or text, quietly leave the room and return when finished. Emergency calls for you should go through campus security at 903-798-3330.

Exams

Each Exam may consist of a combination of multiple choice, true/false, fill in the blank, matching, coding, flowcharting, and/or walk-throughs.

Programming Assignments and Homework

Programming Assignment and Homework will be assigned on a weekly basis. These assignments must be turned in upon completion and no later than the due date given by the instructor at the time the assignment is made. Any lab activity that is turned in late will, at the discretion of the instructor, will receive a maximum of 80%.

Changes

This syllabus is subject to change as deemed necessary by the instructor. At time such changes are made, they will be announced in class and posted on the Jenzabar LMS page for this class.

Tentative Test Deadlines

These Exams will be administered in the classroom.

Exam	Pages	Test Location	Grade	Deadline
1	1-40	Testing Center		
2	45-71	Testing Center		
3	79-125	Testing Center		
Final		Testing Center		During Scheduled Time