

### Basic Course Information

Semester:	Spring 2026	Instructor Name:	Alicia Paola Coya
Course Title & #:	CIS 202 Prog. Concepts and Methods	Email:	Alicia.cota@imperial.edu
CRN #:	20423	Office Hours In Person (optional)	Wednesday ☺ at Room 809E
Classroom:	Online	Office Hours In Person (optional)	From 11:00 am to 12:00 pm, and 4:30 pm to 5:30 pm
Class Dates:	Feb/17/26 - Jun/12/26	Online Office Hours:	Mondays and Tuesdays ☺ by Zoom – ⌚ From 4:30 pm to 5:30 pm
Class Days:	n/a	Zoom Link #:	
Class Times:	n/a	Emergency Contact:	Tisha.Nelson@imperial.edu
Units:	3	Class Format:	Online

### Course Description

An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience with a modern application programming language and development platform. (CSU/UC)

### Course Prerequisite(s) and/or Corequisite(s)

None

### Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Design and create a VB program that incorporates good design principles and meets specifications using the sequence control structure.
2. Design and create a VB program that incorporates good design principles and meets specifications using the decision/ branching control structure.
3. Design and create a VB program that incorporates good design principles and meets specifications using the loop/ iteration control structure.

## Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. use primitive data types and data structures offered by the development environment.
2. choose an appropriate data structure for modeling a simple problem.
3. identify basic programming concepts.
4. write simple applications that relate to a specific domain.
5. design, implement, test, and debug a program that uses each of the following fundamental programming constructs:  
basic computation, simple I/O, standard conditional and iterative structures, and the definition of functions.
6. test applications with sample data.
7. apply core program control structures.

## Textbooks & Other Resources or Links

Zak, D.. 2022. *Programming With Microsoft Visual Basic 2019/2022. 9th Cengage Learning. ISBN: 978-0357674000.*

## Course Requirements and Instructional Methods

Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

## Course Grading Based on Course Objectives

Chapter Tests.....30%

Projects .....20%

Discussion Boards .....10%

Midterm.....25%

Final .....25%

### Course Grading Scale

90-100% = A

80-89% = B 70-79%

= C

60-69% = D

0 – 59% = F

## Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

## Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

## Academic Honesty

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question. Anyone caught cheating will receive a zero (0) on the exam or assignment and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following:
  - Plagiarism
  - Copying or attempting to copy from others during an examination or on an assignment;
  - Communicating test information with another person during an examination;
  - Allowing others to do an assignment or portion of an assignment
  - Use of a commercial term paper service

### Additional Help

- Learning Labs: There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Please speak to the instructor about labs unique to your specific program
- Library Services: There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.



### **Disabled Student Programs and Services (DSPS)**

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is in Building 2100, telephone 760-355-6312 if you feel you need to be evaluated for educational accommodation.

### **Student Counseling and Health Services**

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see [Student Services](#). The IVC Student Health Center is in the Health Science building in Room 2109, telephone 760-355-6310.

### **IVC Student Resources**

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

### **Anticipated Class Schedule/Calendar**

TBH

**\*\*\*Subject to change without prior notice\*\*\***