

**Instructor Name:** Milan Samplewala  
[samplem@lacitycollege.edu](mailto:samplem@lacitycollege.edu)

**E-mail:** Private Message of Etudes or

**Class Room and Office:** CE 105A

**Class Hours:** Tues, Thurs 11:10 a.m. to 12:35 p.m.

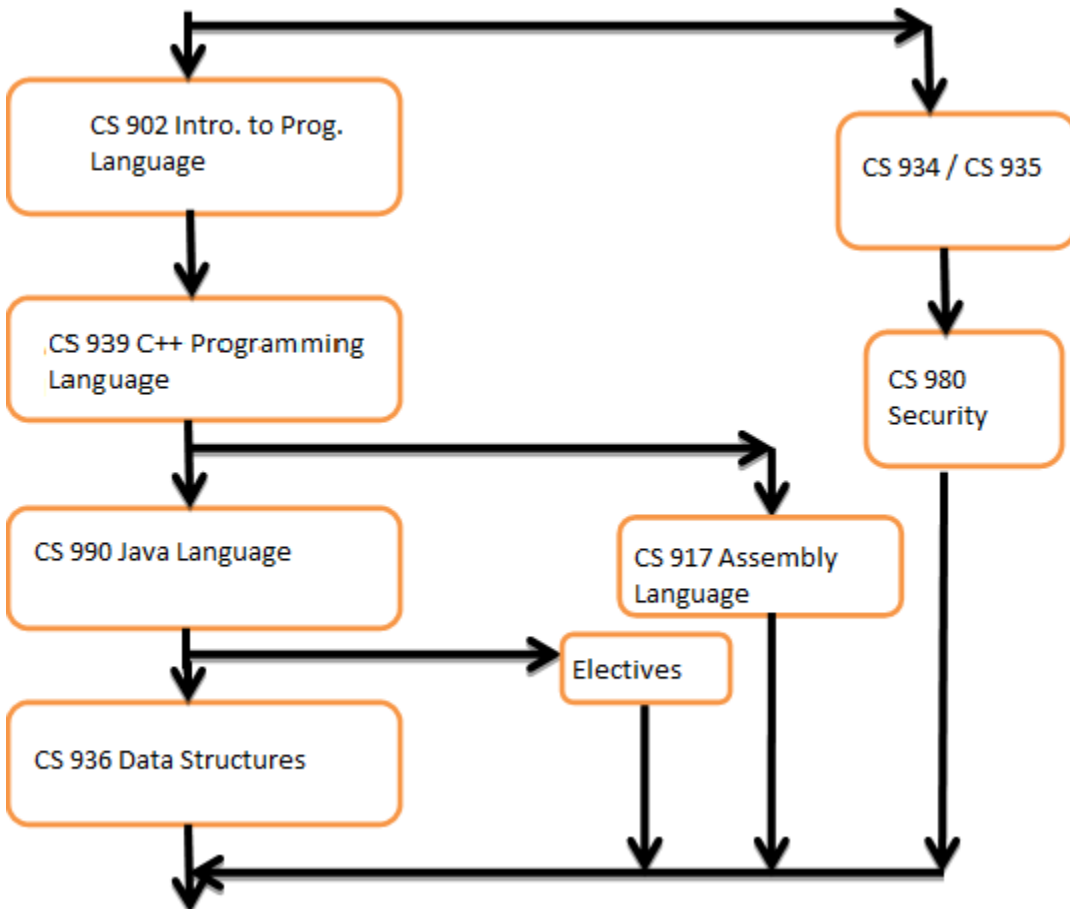
**Office Hours:** Tues, Thurs 12:35 p.m. to 1:05 p.m.

**School Website:** [www.wlac.edu](http://www.wlac.edu)

**Computer Science Dept. Website:** <http://www.wlac.edu/Computer-Science>

Welcome

This semester, you will be learning fundamentals of computer programming. You will learn about different types of instructions, variables, decision and looping structures. You will also learn about functions, and arrays. This is the first class you will take in a series of class that will teach you about Computer Programming. If you are planning to major in Computer Science, you must take these classes in this order. The prerequisites are strictly enforced.



## Course Description

This course introduces students to fundamental concepts of computer science and programming. Applications will NOT be taught. Programming will be introduced with the BASIC/PYTHON programming language. This class is intended for Computer Science, Engineering, Math and Science majors. It is a prerequisite for all CSIT programming classes and is acceptable as a prerequisite for application classes.

## Important and Useful Information

### UC/CSU Transfer Honor Credit

<http://www.wlac.edu/Transfer-Programs>

Contact the instructor for honor credit project

**LACCD student's e-mail system** <https://student.laccd.edu/sso/> -> for student ->e-mail-> student can forward LACCD e-mail to another personal e-mail- click on "instruction" and "[video](#)".

**Disabled Students Assistance** <http://www.wlac.edu/DSPS> -

Student must contact DSPS to obtain an approved accommodation request

**CSU Dominguez Hills transfer** see the division web site <http://weekend.wlac.edu/pathways/CSU>

**CS Division Web Site** <http://www.wlac.edu/computer-science> with the following useful information:

- Division Announcement –Scholarship and Internship Opportunities
- CS Instructor Office Hour and Computer Lab Open Hour
- Petition for Degree & Certificate
- Petition for Prerequisite Challenge
- Declare a Major – to be eligible for scholarship and internship
- Discount Voucher for CompTIA A+ Network+ Security+ Linux+
- Free Software Download (Windows 7, Server 2008, VMWare, Microsoft ACCESS and Visio Studio)

### Requirement for AA/AS degree and Certificate of Achievement in the following :

- Degree and Certificate in Computer Science (10 major courses)
- Degree and Certificate in Computer Network and Security Management (10 major courses)
- Degree and Certificate in Computer Web Support and Database Administration (10 major courses)
- Certificate of Achievement in Computer Network Management (requires 6 courses)
- Certificate of Achievement in Information System Security (requires 6 courses)
- Certificate of Achievement in Business Application and Database Management (requires 6 courses)
- Certificate of Achievement in Web Support and Administration (requires 6)

**H1B Job placement assistance** see the division web site.

ETUDES [www.myetudes.org](http://www.myetudes.org)

To logon to West LA College on-line course shell, go to [www.myetudes.org](http://www.myetudes.org) where you will find links to on-line tutorial, course information including required materials, login instructions and Technical Requirements.

Example: Juan Straub, 88-459-0210, born on July 4th

(User ID will be first2 of first name+first2 of last name+last5 of student ID, password is birthday)

- User ID: just90210

- Password: 0704

If you do not know your Student Identification Number you can look it up using the Student Information System (SIS) at <http://www.wlac.edu->registration>. If you are the first-time on-line student, make sure your browser settings are as follow:

Tools->Internet Option->general->security setting->add <http://www.myetudes.org> as trusted site.

#### Required Text and Material

Beginning Programming for Dummies by Wallace Wang (ISBN: 0-470-08870-2) available at the College Bookstore and at many local bookstores. Please get the latest edition.

Recommend download and installing the software from [www.justbasic.com](http://www.justbasic.com)

There is n open lab with tutoring services available for this class. <http://web-wlac-csit.com/pdf/CE101LabHour.pdf>

#### Course Objectives

1. Analyze, design, write and test software programs which contain:
  - a. Decision Making Structures.
  - b. Looping Structures.
  - c. Functions.
  - d. Arrays.
2. Draw the functional and flow chart diagrams that represent the flow of program.

#### Institutional Learning Outcomes (ILOs) & SLO (use COR / ECD for approved SLOs)

**This course will also facilitate the following Institutional Learning Outcomes:**

1. Critical Thinking: Analyze problems by differentiating fact from opinions, using evidence, and using sound reasoning to specify multiple solutions and their consequences.
2. Communication: Effectively communicate thought in a clear, well-organized manner to persuade, inform, and convey ideas in academic, work, family and community settings.
3. Self-awareness/Interpersonal Skills: Apply self-assessment and reflection strategies to interpersonal, work, community, career, and educational pathways.
4. Technical Competence: Utilize the appropriate technology effectively for informational,

academic, personal, and professional needs.

5. Cultural Diversity: Respectfully engage with other cultures in an effort to understand them.
6. Ethics: Practice and demonstrate standards of personal and professional integrity, honesty and fairness; apply ethical principles in submission of all college work.

### Student Learning Outcome:

At the end of this course, the successful student will be able to ,

1. Analyze, design, write and test software programs which contain:
  - a. Decision Making Structures.
  - b. Looping Structures.
  - c. Functions.
  - d. Arrays.
2. Draw the functional and flow chart diagrams that represent the flow of program.

### Grading

#### In-Class Work, Projects, & Exams:

There will be in-class work and projects assigned each week. The in-class is my way of noting attendance and your understanding. They are worth 1 point each. The projects are worth 10 points. Uploading the projects into etudes may not be sufficient. I may ask questions to verify your understanding and you are required to answer them satisfactorily. There will be an in-class Midterm Exam Project and Final Exam Project which are mandatory. The grading scheme is as follows:

In-Class: 10%                      Projects: 50%                      Examinations Projects: 40%

**GRADING SCALE** 90 - 100 A                      80 - 89 B                      70 -79 C                      60 - 69 D                      Below 60 is FAIL.

**Last Day** to drop the class is September 12. After this day you will receive a letter grade of A, B, C, D, F or W.

No Incomplete allowed. I will not be assigning incomplete grade.

Late Assignments Please login to etudes frequently to check for project due dates. DO NOT e-mail me your programs and other typed projects. They will not be accepted. Other late projects if accepted, will have 10% off per week. So, a two week late project will be 20% off. A four week late project will be 40% off.

Please note the dates for the Midterm and Final Exams in the schedule below. There are no makeup dates. There are no other times you can take them. There are no extra credit test or exams that you can take to substitute.

### Class Policies

#### [Class Policies](#)

#### Attendance

Because class discussions and group work are an integral part of this course, attendance is mandatory. Up to 2 absences are allowed. After that, you could be dropped. Students are expected

to attend every class meeting, to arrive on time and stay throughout the class period. **Excessive absenteeism will lower your grade, as well as walking in and out of class.** 3 tardies = 1 absence. Students may be dropped from class for excessive tardiness, or for failure to attend class the first day or during the entire first week of the class.

### **Walking In and Out of Class**

When you arrive to class, make sure you have used the restroom, had a chance to eat, check your messages, etc. Walking in and out is rude and disruptive. If you need to leave early, or have some other problem, you need to notify me in advance. **Any student who makes a habit of walking in and out of class may be asked to leave.**

### **Preparedness**

You are expected to arrive on time. You will come to each class session prepared. You will have your books, binder, pens/pencils, any work that is due, and you will be prepared to discuss all readings/assignments.

### **Cell Phones, iPods, etc.**

**Turn them off and put them away when class begins!** Although it may not seem possible, you can survive without talking and texting on your cell phone, or listening to your iPod, for a little over an hour. Talking and texting on cell phones not only distract you, but they are a distraction for me and your peers. Distractions interrupt/disrupt the class and I will not tolerate interruptions. **You will be asked to leave if this occurs.**

No **food** and **drinks** allowed.

### **“Netiquette” and “Civilogue”**

The term “netiquette” is a combination of the words internet and etiquette. The term “civilogue” is a combination of the words civil and dialogue. Both terms, as well as the words used to create them, are essential to the class. You may not agree with the views and opinions expressed by your peers, but you don’t have the right to be disrespectful. Personal attacks, profanity, vulgarity and comments that are not productive additions to the conversation will be deleted. Please remember this, while using chat rooms, discussions and other means of communications with instructor and each other.

### **Contacting Me**

Private message from etudes is the best and quickest way to contact me. **If you have a problem, do not let it snowball. Contact me immediately.** Students are expected to ask questions and obtain help from instructor via email and/or during office hours.

### **Campus Resources**

#### **[Student Services](#)**

As stated earlier in this syllabus, **if you are having problems, don’t let them snowball.** Come and talk with me and check out some of the campus resources available to you.

#### **[Office of Disabled Student Programs and Services \(DSP&S\)](#)**

Heldman Learning Resources Center (HLRC), Room 119 | [\(310\) 287-4450](tel:3102874450).

West Los Angeles College recognizes and welcomes its responsibility to provide an equal educational opportunity to all disabled individuals. The Office of Disabled Students Programs and Services (DSP&S) has been established to provide support services for all verified disabled students pursuing a college education. DSP&S students may qualify for: priority registration, registration assistance, special parking permits, sign language interpreters and assistive technology (WLAC College Catalog).

### **Instructional Support (Tutoring) & Learning Skills Center**

Heldman Learning Resources Center (HLRC) | [\(310\) 287-4486](tel:3102874486)

Improve your reading, language, vocabulary, spelling, math fundamentals and chemistry knowledge with convenient, self-paced computer-aided courses in the Learning Skills Center. Increase your knowledge and learning success:

We will be offering tutoring services in computer science classes. I will keep you posted regarding this.

### **Library Services**

Heldman Learning Resources Center (HLRC) | [\(310\) 287-4269](tel:3102874269) & [\(310\) 287-4486](tel:3102874486)

The WLAC Library provides instruction on how to use the online catalog, periodical and research databases. In addition to a large collection of books, periodicals and videos the WLAC Library has course textbooks which students may use while in the Library. Web access is available in LIRL as well as meeting rooms. The upper floors provide a beautiful view ideal for study (WLAC College Catalog).

### **Electronic Mail**

Electronic mail is the official method of communication for delivery of college information. Please check your Student.LACCD@Edu account daily/weekly. To access your account visit [www.wlac.edu](http://www.wlac.edu), click on the Student Email button. To log in use your student ID# and your birthday and month. Your student.LACCD@EDU email can be forwarded to any other personal email account.

**Etudes Technical Support is also available.**

#### Important Dates to Remember

LAST DAY to Drop a Class w/o a Fee	Fri, Feb 20
LAST DAY to Drop a Class w/o a W	Fri, Feb 20
LAST DAY to Drop w/ a W	Fri, May 8
LAST DAY to File Pass/No Pass	Fri, Feb 20

It is the **students responsibility** to drop the class. Do not expect me to do it for you.

<b>CAMPUS CLOSED</b>	Presidents Day (Weekend) ..... Fri, Feb 13 - Mon, Feb 16
	Cesar Chavez Day ..... Tue, March 31
	Spring Break ..... Sat, April 4 - Fri, April 10
	Memorial Day ..... Mon, May 25

### Syllabus Change Policy

Syllabus is a guide and every attempt is made to provide an accurate overview of the course. However, circumstances and events may make it necessary for modification of the syllabus during the semester. Please refer to this table, frequently and be tuned into etudes announcements.

#### CSIT 902 Section0710 - Programming Language (3 units)

**CE 105A - 11:10 AM to 12:35 PM Tuesdays and Thursdays**

DATE	DAY	MODULE # Chapter #	DESCRIPTION	
2/10/2015	T	Module 1	<b>Programming Languages and Tools of a Programmer</b>	<b>PROJECT 1</b>
2/12/2015	H	Ch 1-5	Algorithms, Flowcharts and My First Program	
2/17/2015	T	Module 1	<b>Variables, Constants and Comments</b>	<b>PROJECT 2, 3</b>
2/19/2015	H	Ch 6-7	Structure of a Program – Sequential, Branching, Looping	<b>LAST DAY TO DROP without W</b>
2/24/2015	T	Module 2	<b>Precedence Rule, Accumulations, Debug</b>	<b>PROJECT 4, 5</b>
2/26/2015	H	Ch 8, Ch 15		
3/3/2015	T	Module 3	<b>Selection / Conditional / Branching Structure</b>	<b>PROJECT 6, 7</b>
3/5/2015	H	Ch 9	IF, IF...ELSE	
3/10/2015	T	Module 3	<b>Boolean Expressions</b>	<b>PROJECT 8, 9, 10</b>
3/12/2015	H	Ch 9 contd	Nesting and Stacking structures. SELECT statement	
3/17/2015	T	Module 4	<b>Looping Structure</b>	<b>PROJECT 11, 12</b>
3/19/2015	H	Ch 10	FOR loop	
3/24/2015	T	Module 4	<b>Looping Structure</b>	<b>PROJECT 13</b>
3/26/2015	H	Ch 10 contd	WHILE loop	
3/31/2015	T		<b>Cesar Chavez Day Holiday</b>	

4/2/2015	H		Mid Term Exam	Mandatory
4/7/2015	T		Spring Break	
4/9/2015	H		Spring Break	
4/14/2015	T	Module 5	Functions	PROJECT 14
4/16/2015	H			
4/21/2015	T	Module 5	Functions	PROJECT 15
4/23/2015	H			
4/28/2015	T	Module 6	Arrays	PROJECT 16
4/30/2015	H	Chapter 12		
5/5/2015	T	Module 6	Arrays	PROJECT 17
5/7/2015	H	Chapter 12		LAST DAY TO DROP with W
5/12/2015	T	Module 7	Storing/Retrieving Data To/From Files	
5/14/2015	H			
5/19/2015	T	Module 7	Sequential Files and Random Access Files	PROJECT 18
5/21/2015	H			
5/26/2015	T		Review	
5/28/2015	H			
6/2/2015	T		Exam week.	
6/4/2015	H		FINAL EXAM 11:30 AM - 1:30 PM	Mandatory