

For office use only

Prior College

Credit/Subs/Waivers:

\* \_\_\_\_\_

# \_\_\_\_\_

% \_\_\_\_\_

**Certificate of Achievement**  
**MiraCosta College**  
**Computer Programming Fundamentals**  
**Effective Fall 2014 through Summer 2015**

(No changes since Fall 2013)

In order to receive an Associate of Arts degree in this discipline, you must complete the courses listed below  
**in addition** to completing the Associate in Arts Degree requirements.

Catalog Number	Course Name	(Office Use Only)		
<b>Required courses:</b>		Units	Grade	Grade Points
CS 111	Introduction to Computer Science I: Java	3		
CS 112	Introduction to Computer Science II: Java	3		
CS 113	Basic Data Structures and Algorithms	3		
CS 150	C++ Programming	3		
CS 151	Advanced C++ Programming	3		
CS 220	Computer Architecture and Assembly Language	3		
<i>Select at least 6 elective units from the following:</i>				
CS 107	Introduction to Object-Oriented Programming	3		
CS 130	Fundamentals of Scripting Languages	3		
CS 134	Mobile Device Application Development	3		
CS 138	Programming with Python	3		
MATH 226	Discrete Mathematics	3		
		Totals: (current)		
		Totals: (In progress)		
		Total Units: <b>24</b>		
		GPA:	H1	H3

**Requirement: Grade of "C" or better in each course.**

<b>OFFICE USE ONLY</b>	Date/Initials	Sent Letter
Preliminary Eval OK _____ Awarded Not Posted _____ Denied _____		
Final Eval OK _____ Denied _____		
Posted		
Certificate Mailed		



**CERTIFICATE OF ACHIEVEMENT  
COMPUTER PROGRAMMING  
FUNDAMENTALS**

*(Effective Fall 2014 through Summer 2015)*

Name \_\_\_\_\_

Print name **exactly** as it is to appear on certificate. (First, Middle, Last – use upper and lower case)

Student ID# \_\_\_\_\_

Address \_\_\_\_\_

Number Street City Zip

Home Phone (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Email: \_\_\_\_\_

The requirements for this certificate will be completed by:

Fall  20\_\_\_\_ Spring  20\_\_\_\_ Summer Session  20\_\_\_\_

List all courses in progress, including those at other colleges, which are required to complete this certificate:

Course \_\_\_\_\_ Units \_\_\_\_\_ Course \_\_\_\_\_ Units \_\_\_\_\_

Course \_\_\_\_\_ Units \_\_\_\_\_ Course \_\_\_\_\_ Units \_\_\_\_\_

**NOTE:** If you have courses in progress at another college which are required to complete this certificate, official transcripts must be submitted to the Admissions & Records Office at the end of the term.

List all colleges from which you have coursework to be considered for this certificate: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**READ CAREFULLY BEFORE SIGNING**

In order to have this evaluation form processed for the current term; I understand that it is my responsibility to see that all required **official transcripts and substitution/waiver forms** are on file in the Admissions & Records Office by the petitioning deadline. Deadlines are posted in the current credit class schedule. If required official documents are not on file, this evaluation form may be returned to the Counseling Office, and I may be required to re-submit an evaluation form for next term.

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

I grant permission to MiraCosta College to include my name on the graduation program and any graduation lists that may be released to the public.

Student's Signature \_\_\_\_\_

Date \_\_\_\_\_