

Pathway(s): Computer Science
 Community College(s): Diablo Valley College
 Partner Organization(s):

BA/BS Degree/Transfer

AA./A.S Degree/Transfer

AS - Computer Science

General Education

Mid Level Certificate

Certificate of Achievement - Advanced C++ Programming (12 units)

COMSC-110 Introduction to Programming (4 units)
 COMSC-165 Advanced Programming with C and C++ (4 units)
 COMSC-200 Object Oriented Programming C++ (4 units)

Certificate of Achievement - Mobile and Enterprise Java Programming (12 units)

COMSC-110 Introduction to Programming (4 units)
 COMSC-255 Programming with Java (4 units)
 COMSC-257 Mobile and Enterprise Java Programming (4 units)

Certificate of Achievement - Program Design (12 units)

COMSC-110 Introduction to Programming (4 units)
 COMSC-165 Advanced Programming with C and C++ (4 units)
 COMSC-210 Program Design and Data Structures (4 units)

COMSC 110 ADT = articulate* = AP COMSCI

Entry Level Certificate

Need COMSCI articulation COMSC 101?*

Articulate Mobile Ap?

Certificate of Achievement - Advanced Java Programming (12 units)

COMSC-110 Introduction to Programming (4 units)
 COMSC-255 Programming with Java (4 units)
 COMSC-256 Advanced Java Programming (4 units)

Certificate of Achievement - Computer Architecture (12 units)

COMSC-110 Introduction to Programming (4 units)
 COMSC-165 Advanced Programming with C and C++ (4 units)
 COMSC-260 Assembly Language Programming/Computer Organization (4 units)

* Transit Waiver

INDUSTRY CERTIFICATIONS

ADVANCED LEVEL

MID LEVEL

ENTRY LEVEL
 Oracle Java Certification I and II

WORK BASED LEARNING

ADVANCED LEVEL

MID LEVEL

ENTRY LEVEL
 Text

STUDENT SUPPORTS

ADVANCED LEVEL

MID LEVEL

- Career Center Connection
- Resume
- Internship
- Ed Planning
- Select GE
- College Pathway

ENTRY LEVEL

- Connect to Student Support
- Financial Aid (Achievement)
- Educational Planning (scaffolded)
- Carer 100
- Carer 101
- Career & College Readiness
- Early Outreach/Matriculation
- Math 090
- Career Exploration

JOBS AND WAGES

ADVANCED LEVEL

MID LEVEL

- Web Design, \$40/hr
- Computer Programming, \$41.89/hr
- Software Dev, \$58/hr

ENTRY LEVEL

This map was created using a Career Ladders Project template by K-14 educators and staff trained in 2016-2017 by Career Ladders Project, as a part of the Diablo Gateways to Innovation consortium.