# Program Outcome Mapping

San Bernardino Valley College

| Android Application Security Support Specialist Certificate | | |
|---|---|---|
| Department: | Submitted By: | Date Modified: |

**Purpose:** The purpose of this form is to map program outcomes. This benefits your program by allowing visualizations on how your program aligns with San Bernardino Valley College's outcomes. Part I maps your Program Learning Outcomes (PLOs) to Institutional Learning Outcomes (ILOs). Part II maps your PLOs to courses within your program. Once this is completed, we will continue the mapping by including Student Learning Outcomes (SLOs) to PLOs and ILOs.

| Institutional Learning Outcomes (ILOs) | | | | |
|---|---|---|---|---|
| **ILO 1 Communication Skills** | **ILO 2 Quantitative Skills** | **ILO 3 Critical Thinking Skills** | **ILO 4 Discipline Specific Skills** | **ILO 5 Personal, Social, Professional Responsibility** |
| Literacy: Reading, listening, observing, speaking, and writing<br><br>Interpersonal Skills: Working with individuals and groups, including conflict resolution, and giving/receiving constructive feedback | Mathematical Theory: Understanding mathematical concepts and structures<br><br>Applied Mathematics: Applying mathematical skills and numerical data to analyze and solve real world problems<br><br>Mathematical Visualization: Using graphs, charts, and tables | Information Literacy: Finding, interpreting, and evaluating information in print, electronic, and non-electronic media sources<br><br>Logical Reasoning: Constructing, supporting, analyzing, and evaluating arguments<br><br>Problem Solving: Using evidence-based reasoning to articulate a problem and propose hypotheses or solutions<br><br>Creativity: Using creative reasoning for problem solving and personal and social expression | Discipline Theory: Understanding and employing discipline vocabulary, ideas, theories, standards, and ethics<br><br>Discipline Technology: Using tools, computers, instruments, and equipment relevant to discipline<br><br>Discipline performance: Working in labs, workshops, clinics, performances, and work experience relevant to discipline | Self-knowledge: Understanding and evaluating personal strengths, weaknesses, biases, and values<br><br>Goal setting: Setting goals that are realistic and balance educational, professional, and personal life<br>Cultural Awareness: Understanding and respecting one's own culture, other cultures, and diversity<br><br>Ethics: Understanding and practicing ethics, intellectual honesty, fairness, and personal responsibility |

# Program Outcome Mapping

**Part I - Directions:** Use the chart above to align PLOs to ILOs. Use an "X" to indicate that a PLO is a major focus of the course or program. This means the PLO has a clear connection to the PLO or ILO. There should be one "X" per column. You may not use every column, but it may be because the SLO will eventually lead to an ILO.

| PLO to ILO Map | | | | | | |
|---|---|---|---|---|---|---|
| **Android Application Security Support Specialist Certificate** | | Use an "X" to indicate where a PLO aligns with an ILO: | | | | |
| *At the completion of the program, students will be able to:* | | 1 | 2 | 3 | 4 | 5 |
| 1.   Gain entry-level job skills using Android devices and securing such devices | | | | X | X | |

**Part II - Directions:** Use the catalog link to align PLOs to each course listed in your program. Look through your course offerings and determine what course(s) align with each PLO below.

| PLO to Course Map | |
|---|---|
| **Android Application Security Support Specialist Certificate**<br>**Catalog Link:** **https://catalog.valleycollege.edu/degree-certificate-program-index/computer-information-technology/android-application-security-support-specialist-certificate-achievement/**<br>*At the completion of the program, students will be able to:* | Type the course or courses in the program that align to each PLO below: |
| 1.   Gain entry-level job skills using Android devices and securing such devices | CIT 088, 101, 110, 128, 160, 232 ,091 076 |