## CATALOG 2022-23

GE Pattern: None
Total Units: 18 Units
Program Code: PROG1.CERT

## Additional Certificate/Degree Programs

Computer Information Systems AS * Computer Science, AS-T * Network Specialist

- Electronics and Computer Technology AS * Electronics Engineering - Technology AS * Computer Aided Drafting \& Design *
- MySQL Database Developer * UNIX Administrator * Web Authoring


## Year 1


Semester 2

| Category | Course | Title | Units |  |
| :---: | :---: | :--- | :---: | :---: |
| Req | CIS 202 | Programming Concepts and <br> Methods II | Unit |  |
| Req | CIS 264 | Discrete Structures |  | 4 |

## Year 2

| Semester 1 |  |  | 7 Units |  |
| :---: | :---: | :---: | :---: | :---: |
| Category | Course | Title | GE <br> Area | Unit |
| Req | CIS 104 | Object Oriented Analysis and <br> Design |  | 3 |
| Req | CIS 221 | Programming in Python <br> Other options: CIS 205 JavaScript or <br> CIS 206 Programming in Java |  | 4 |

## Category Key

| (a) | Articulated Credit | A course taught at the high school that teaches the same content as the community college allowing the high school student to receive college credit. | GE | General Education | A course that fulfills a specific general education requirement for this degree, which can be replaced with another course that meets the same requirements. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Elec | Elective | A degree - applicable course that is part of a degree road map to ensure that there is a total of at least 60 units, which is a requirement for an AS degree. | RE | Restricted Electives | A course selected from a list of elective courses specified for this degree in the course list in the catalog, which can be replaced with another course from the same list. |
| Req | Required Core | A course that is required for this degree |  |  |  |

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[^0]:     employment programs and activities. The Section 504-Disabled Counselor/Enabler at Victor Valley College may be reached at (760) 245-4271

