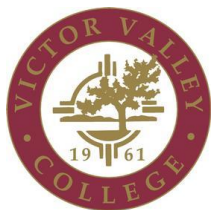


Computer Information Systems, AS FULL TIME



CATALOG 2021-22

GE Pattern: [VVC.GE](#)
 Total Units: 60 Units
 Program Code: [CIS.AS](#)

Potential Career Options

Possible employment includes:

- *Computer and Information Systems Administrators, Managers, Research Scientists, and Analysts
- *Software and Web Developers
- Data, Document, Network, and User Support Specialists
- Business Intelligence Analysts

Average Salary Information

\$84,715 Annually

*Upon Completion of Bachelor's degree

STUDENT SUCCESS TEAM SUPPORT

School Dean

Hamid Eydgahi
 (760) 245-4271 Extension 2942
Hamid.Eydgahi@vvc.edu

RAMPath Counselor

Lyman Insley
 (760) 245-4271 Extension 2208
Lyman.Insley@vvc.edu

Faculty Advisor

Vacant

EXPLANATION OF CATEGORIES

| | | |
|-------------|---------------------|---|
| Req | Required Core | A course that is required for this degree |
| 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 requirement |
| RE | Restricted Elective | 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 |
| Elec | Elective | A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree |

Year 1, Semester 1

Total: 15.0

| Category | Course | Title | GE Area | Unit |
|----------|----------|--|---------|------|
| Req | CIS 101 | Computer Literacy | | 4.0 |
| Req | CIS 201 | Programming Concepts and Methods I | | 4.0 |
| GE | MATH 105 | College Algebra | V | 4.0 |
| GE | HLTH 102 | Contemporary Problems in Personal and Community Health | I | 3.0 |

*Fulfills VVC GE Category I and Kinesiology requirement.

Year 1, Semester 2

Total: 17.0

| Category | Course | Title | GE Area | Unit |
|----------|-------------|--|---------|------|
| Req | CIS 190 | Introduction to the Unix Operating System | | 4.0 |
| Req | Any | Recommended: CIS 202 if interested in Programming CIS 75 if interested in Cyber Security CIS 280 or 282 if interested in Database | | 3.0 |
| GE | *ENGL 101.0 | English Composition and Reading | IVA | 4.0 |
| GE | Any | Recommended: CMST 104, CMST 105, CMST 107, CMST 108, or CMST 109 | IVB | 3.0 |
| GE | Any | Recommended: HIST 117, HIST 118, or HIST 155 | IIB | 3.0 |

*Fulfills VVC GE Category IVA and Information Competency requirement.

Year 2, Semester 1

Total: 15.0

| Category | Course | Title | GE Area | Unit |
|----------|--------|---|---------|------|
| Req | Any | Select CIS course aligned with any CIS certificate you are pursuing. Recommended: CIS 83 | | 3.0 |
| GE | *Any | | IIA | 3.0 |
| GE | *Any | | III | 3.0 |
| Elec | Any | Any course(s) numbered 50 or above | | 6.0 |

*Select a course that fulfills the GE category and Global Citizenship.

Year 2, Semester 2

Total: 13.0

| Category | Course | Title | GE Area | Unit |
|----------|--------|------------------------------------|---------|------|
| GE | Any | | I | 3.0 |
| Elec | Any | Any course(s) numbered 50 or above | | 10.0 |

Not Quite Ready? Please see a counselor to create an education plan that is customized to meet your needs.