RAMPath: Science, Technology, "Engineering, & Mathematics
(760) 245-4271
Info@vvc.edu

Electronics & Computer Technology, AS

RAMPath Counselor
Lyman Insley
(760) 245-4271 x2205
Lyman.Insley@vvc.edu

CATALOG 2022-23

GE Pattern: VVC GE
Total Units: 60 Units
Program Code: ELCT.AS

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			

Year 1

Semester 1 — 16 Units

Category	Course	Title	GE Area	Unit
Req	Any	Any ELCT course, except ELCT 138		3
GE	*ENGL 101.0	English Composition and Reading	IVA	3
GE	Any		IIB	4
GE	Any		III	3
GE	Any		IVB	3

^Fulfills GE Category IVA and Information Competency requirement.

Semester 2 — 15 Units

Category	Course	Title	GE Area	Unit
Req	Any	Any ELCT course, except ELCT 138		4
Req	Any	Any ELCT course, except ELCT 138		4
GE	Any		V	3
GE	Any	HLTH 102 or any APE, KIN, KIND (or TA courses cross-listed with KIND)course	Kin	1
Elect	Any	Any course numbered 50 or above		3

Year 2

Semester 1 — 15 Units

Category	Course	Title	GE Area	Unit
Req	Any	Any ELCT course, except ELCT 138		3
GE	Any		I	3
GE	Any		IIA	3
Elec	Any	Any course(s) numbered 50 or above		6

Semester 2 — 14 Units

Category	Course	Title	GE Area	Unit
Req	Any	Any ELCT course, except ELCT 138		3
Req	Any	Any ELCT course, except ELCT 138		3
GE	Any	Any course that fulfills Global Citizenship	GC	3
Elec	Any	Any course(s) numbered 50 or above		5

VVC does not discriminate on the basis of race, color, national origin, sex, age, or disability in any of its policies, procedures or practices. This nondiscrimination policy covers admission and access to, and treatment and employment in, college employment programs and activities. The Section 504-Disabled Counselor/Enabler at Victor Valley College may be reached at (760) 245-4271

Listed Occupations may require additional training, certification, and/or on-the-job training.
Contact: info@vvc.edu for more information on Electronics and Computer System opportunities and programs.

Report Date: December 20, 2022

+395
5-year Job Demand Increase in **MDCP Region**

MDCP Regional Labor Market Snapshot
JOBS in Information Technology Occupations

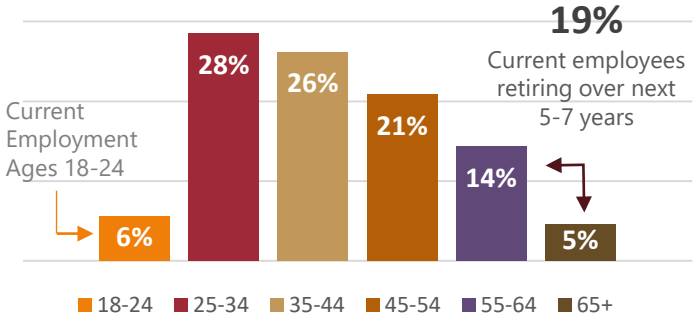
Average Hourly Wage

- $37.92 MDCP Region
- $36.32 SB County
- $44.48 California

EMPLOYMENT PROJECTIONS

5-year demand includes new jobs, transfers, and retirements

Current Age Breakdown



CONTINUING EDUCATION AND TRAINING

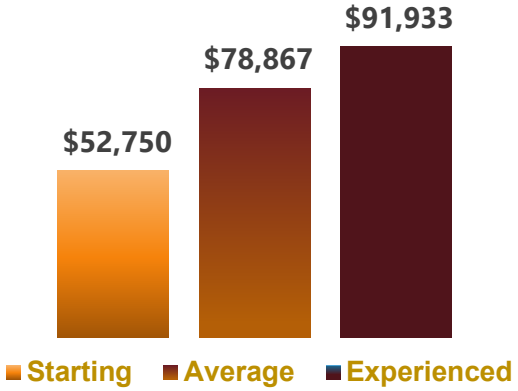
Program	College
AS Electronics and Engineering Technology	Victor Valley CC
BS Electronics and Computer Engineering	Cal Poly, Pomona
BS Computer Engineering	CSU San Bernardin
BS Computer Science	CSU Fullerton
BS Computer Science	UC Riverside

For additional information visit
https://catalog.vvc.edu/degrees-certificates/electronics-computer-technology/#degreestext

LOCAL EMPLOYERS

Employer	Website
A Plus Computers	www.applevalleycomputer.com
AVC Tech Services	www.avctechservice.com
Home Depot	https://careers.homedepot.com/
Church & Dwight	https://careers.churchdwight.com/
Leidos	https://www.leidos.com
Topnotch Networking	www.tnnsupport.com

Salary Guide
AVERAGE BY EXPERIENCE



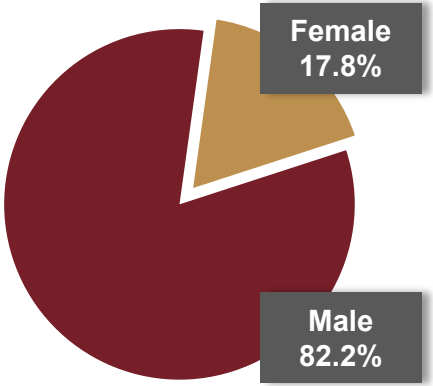
AVERAGE WAGE INFORMATION PER JOBS IN REGION

Occupation	Average Hourly Wage HD	SBC	California	HD Average Salary
Computer Machine Repairers (PSC)	$22.32	$20.07	$23.23	$46,400
^Computer User Support Specialist (PSC)	$29.49	$28.70	$34.51	$61,300
Computer Network Support Specialists (A)	$32.36	$31.54	$35.85	$67,300
Computer Systems Analyst (B)	$48.88	$45.57	$57.43	$101,700
Information Security Analysts (B)	$50.25	$46.66	$65.00	$104,500
Network and Computer Systems Administrator (B)	$44.23	$43.37	$50.85	$92,000

Average hourly wage based on listed occupations
(HS = High School Diploma; PSC= Postsecondary Certificate; A = Associates Degree; B = Bachelor's Degree; M = Master's Degree; D = Professional or Doctorate Degree)

HD Average wages based on listed occupations
^High Demand Occupation

Current Gender Breakdown



MDCP CAREER PATHWAYS
Serving the High Desert Region

Employment and wage data Source: CHMURA JobsEQ 2022 Q2 MDCP Region (HD) - San Bernardino County (SBC), and California