

Course Catalog

Vijay Computer Academy (VCA) has been a global IT education and training institute, since 1990.

We are **Registered Apprenticeship sponsor**, RTI provider and ambassador under DOL.

We are also an **eligible training provider** in the **state of Texas, Oregon, Utah, South Carolina, North Carolina, Iowa, Washington, New Mexico, and Florida.**

Our WIOA Eligible Training Programs:

1. **Data Analyst (Database Technician)**
2. **Cybersecurity Support Technician**
3. **Software Application Developer (Tester)**

Prerequisites

Our programs are open to all, and do not require any prior IT skills or tech experience.

Working knowledge of the English language is required.

How is the program taught?

We offer IT training through live, instructor-led online **classes over Zoom.**

Class Schedule: Monday to Friday, 1-2 hours per day

Class Time:

- 8:00 to 10:00 AM CST
- 7:30 to 9:30 PM CST

Apply for WIOA SCHOLARSHIP to cover the tuition of the program.

1. Reach out to the [nearest workforce office](#) or American Job Center.
2. Find out your eligibility to receive the scholarship.
3. If eligible and interested in any of VCA's IT training programs, request to us the WIOA referral form.
4. Once received, forward it to your career advisor at the workforce office. You may share your career advisor's information with us to assist you further in the process.
5. Keep us posted in your application status. Should you already be in the process or have received approval, please inform us of your status at your earliest convenience.
6. Once you receive the WIOA scholarship voucher, you can start the training with us

Matching Occupation Code

	Data Analyst (Database Technician)	Cybersecurity Support Technician	Software Application Developer (tester)
1	15-1245 Database Administrators	15-1212 Information Security Analyst	15-1256 Software Developers and Software Quality Assurance Analysts and Testers
2	13-1111 Management Analysts		
3	13-1161 Market Research Analyst and Marketing Specialist		

Program Descriptions

1. **Data Analyst (Database Technician)**

Reskill or upskill with our live, instructor-led online **data analytics bootcamp** — beginner-friendly, budget-friendly, and designed to train you on employer desired data skills in just 24 weeks (**240 hours**).

Data Analytics Course Curriculum

- Computer Fundamentals & MS Windows
- Basic Excel for Data Analysis
- Advanced Excel for Data Analysis
- Databases, Oracle & SQL Basics
- Advanced SQL for Data Querying
- Power BI for Data Visualization
- Tableau for Data Visualization
- Introduction to Python
- Data Analytics Through Python
- Capstone Project
- Certification Prep

Upon successful completion of the bootcamp, students:

- ✓ Earn Data Analytics Bootcamp Completion Certificate
- ✓ Will be ready to pursue industry-recognized IT certifications:
 - [Tableau Desktop Specialist](#)
 - [Microsoft Office Specialist: Excel Associate \(Microsoft 365 Apps\)](#)
 - [Oracle Database 12c SQL Certified Associate](#)
 - [Microsoft Certified: Power BI Data Analyst Associate](#)
- ✓ Pathway to Registered Apprenticeship
- ✓ Pathway to internships
- ✓ Receive AI-powered resources to identify entry level or remote jobs

Career Outcome

Completing an industry-aligned data analytics bootcamp and earning in-demand certifications opens the door to your IT career in data analytics, a field projected to grow 23% by 2031 (U.S. Bureau of Labor Statistics, 2023).

Explore the top IT roles our program can help you prepare for in 24 weeks.

- Data Analyst
- Database Administrator
- Power BI Analyst
- Business Analyst
- Medical / healthcare analyst
- Financial Analyst
- Marketing Analyst

2. Cybersecurity Support Technician

Reskill or upskill with our live, instructor-led online **cybersecurity bootcamp** — beginner-friendly, budget-friendly, and designed to train you on employer desired data skills in just 15 weeks (**150 hours**).

Cybersecurity Course Curriculum

- **Cybersecurity Foundations**

Course Introduction, Cybersecurity Basics, Networking Fundamentals, OSI & TCP/IP Models, IP Addressing & Subnetting

- **Cyber Threats & Defense Mechanisms**

Types of Cybersecurity, Vulnerability Management, Ethical Hacking (CEH), Penetration Testing Lifecycle & Tools

- **Security Tools & Technologies**

Python for Cybersecurity, Cloud Security (AWS), Identity & Access Management, Cryptography

- **Governance, Risk & Response**

Incident Response, Governance-Risk-Compliance (GRC), Security in DevOps (CI/CD), OWASP Top 10

- **Capstone & Certification Prep**

Final Project to apply skills and preparation for certification exams

Upon successful completion of the bootcamp, students:

- ✓ Earn Cybersecurity Bootcamp Completion Certificate
- ✓ Will be ready to pursue industry-recognized IT certifications:
 - [CompTIA Security+](#)
 - [ISC2](#)
 - [Certified Ethical Hacker \(CEH\)](#)
- ✓ Pathway to Registered Apprenticeship
- ✓ Pathway to internships
- ✓ Receive AI-powered resources to identify entry level or remote jobs

Career Outcome

Completing an industry-aligned cybersecurity bootcamp and earning in-demand certifications opens the door to your IT career in cybersecurity, a field projected to grow 32% by 2032 (U.S. Bureau of Labor Statistics, 2023).

Explore the top IT roles our program can help you prepare for in 15 weeks.

- Cyber Security Support Technician
- Cyber Defense Analyst
- IT Auditor
- Penetration & Vulnerability Tester

3. Software Application Developer (tester)

Reskill or upskill with our live, instructor-led online **software testing bootcamp** — beginner-friendly, budget-friendly, and designed to train you on employer desired data skills in just 24 weeks (**240 hours**).

Software Testing Course Curriculum

- **Tech & Programming Foundations**

Basics of Computer, Object-Oriented Programming

- **Databases & SQL**

PLT (Programming Logic & Techniques), Database Concepts, Oracle, SQL

- **HTML, CSS & JavaScript for Manual and Automation Testing**

- **Introduction to Python Programming**

- **Software Testing & QA**

Manual Testing, Quality Management

- **Test Automation with Selenium using Python**

- **Capstone & Certification Prep**

Final hands-on project and preparation for certification exam

Upon successful completion of the bootcamp, students:

- ✓ Earn Software Testing Bootcamp Completion Certificate
- ✓ Will be ready to pursue industry-recognized IT certifications:
 - [ISTQB Foundation Level Exam for ISTQB CTFL Certification](#)
 - [Oracle Database SQL Certified Associate Certification](#)
- ✓ Pathway to Registered Apprenticeship
- ✓ Pathway to internships
- ✓ Receive AI-powered resources to identify entry level or remote jobs

Career Outcome

Completing an industry-aligned software testing bootcamp and earning in-demand certifications can launch your career in software development or quality assurance—fields projected to grow 25% by 2032, with around 153,900 job openings expected each year (U.S. Bureau of Labor Statistics, 2023).

Explore the top IT roles our program can help you prepare for in 24 weeks.

- QA Tester
- QA Analyst
- Manual Tester
- Automation Tester

Criteria for Successful program Completion

Attendance & Participation

- Minimum 80% attendance across all instructional hours.
- Active participation in class discussions, labs, and group activities.

Coursework Completion

- Completion of all assignments, projects, and labs as per the curriculum.
- Timely submission of deliverables and meeting minimum quality standards.

Skills Proficiency

- Achieving at least 70% proficiency on practical skill assessments, quizzes, or tests.

Capstone Project / Final Assessment

- Successful completion and presentation of the final project.
- Demonstrates understanding of core skills and tools taught in the specific program.



GLOBAL IT EDUCATION

**TRANSFORMING & EMPOWERING LIVES THROUGH WORLD-CLASS
IT EDUCATION & TRAINING TO BUILD A BETTER TOMORROW!**

Contact Us

- [Inquiry Form](#)
- Book a [FREE call with our admission team](#)
- Schedule a [personalized career consultation](#)
- Call / Text us at [+1-832-469-1314](#)
- WhatsApp us at [+1-832-500-3864](#)
- [Free info sessions and Career pathway webinars](#)