**Cyber Security**

**What is Cyber Security?**

A cyber security program provides a documented set of your organization's cyber security policies,

procedures, guidelines, and standards. Your information security program ensures the

confidentiality, integrity, and availability of your client and customer data through effective security

management practices and controls. Security programs are critical to proactively protecting data

while maintaining compliance with both regulatory and customer requirements.

**LAMC Degrees & Certificates Offered:**

* **Associate of Arts** in Cyber Security Associate
* **Certificate of Achievement** in Cyber Security Associate
* **Certificate of Accomplishment** in Cyber Security Associate

**Areas of Interest**

* Security
* Measure changes to security programs
* Interacting with Computers
* Cybercrime
* Criminal investigation

**Skills**

* Malware analysis and reversing
* Intrusion detection
* Risk analysis and mitigation
* Cloud security
* Security analysis
* Transfer Related Majors

**Transfer Related Majors**

* **CSU Dominguez Hills:** Computer Technology, Homeland Security Track
* **San Bernardino:** Information Systems and Technology, Concentration in Cybersecurity
* **National University:** Cybersecurity

**Potential Job Titles**

* Network and Computer Systems
* Computer Systems
* Analysts
* Software Developers
* Computer Systems Managers
* Computer Network Support
* Information Security Analysts
* Security Management
* Potential Employers
* Work Environment

**Potential Employers**

* Colleges/Universities
* Engineer Companies
* Technician
* Companies
* Hospitals
* Private contractors

**Work Environment**

* Work is sedentary and requires exerting up to 10 pounds
* Much of the work is done alone
* Pressure from customers who want their computers fixed instantly
* Ability to write legibly
* Employers may require you to have a reliable vehicle or laptop

**Earnings:**

Earning can vary by occupation and experience. The following are average annual wages as of 2019 in California based on California Career Zone <https://www.cacareerzone.org/>

**Helpful Resources:**

· LAMC Career Center: www.lamission.edu/careercenter

· CSU Majors: degrees.calstate.edu

· UC Majors: admission.universityofcalifornia.edu

· Career Exploration: cacareerzone.org

For more detailed guidance on degrees, or career advice, you can contact the LAMC Career Center at careercenter@lamission.edu.