

Career Profile for Information Assurance / Cyber Forensics Technician

General Program Description: The **Associate in Applied Science (AAS) degree in Information Assurance program** is designed to equip students with marketable skills and knowledge for adaptation to specific tasks and industry-recognized standards associated with network security, information and data security, and information assurance. This program also prepares students to complete the required certification tests for several industry certifications, including Cisco, CompTia Security +, and Global Information Assurance Certifications (GIAC). Relevant certification tests are identified in individual course descriptions. An optional **Certificate of Completion (CCL) in Information Assurance** is also available. The **Certificate of Completion (CCL) in the Cyber Forensics Technician** program prepares students to conduct, document, and report on forensics investigations for corporate, human resources, legal, and federal law enforcement applications, including instances of misuse or criminal activity. Students are trained to support Incident Response Team's problem management functions to find root causes and suggest improvements to eliminate root causes. Students gain skills and knowledge used in oral and written communication with human resources, legal, corporate, and several technical teams as well as security team's upper management. The coursework required for these certificate programs is applied towards the AAS Degree in Information Assurance.

State and National Certification: More employers are requiring certification for employment. The most widely known certification offered by the **International Information Systems Security Certification Consortium ((ISC)²**, a non-profit organization headquartered in Palm Harbor, Florida, is the credential for [Certified Information Systems Security Professional](http://www.isc2.org) (CISSP).

Projected Job Growth: Between 2002 and 2012, the number of computer security specialists is expected to increase much faster than the average. Companies and other organizations will continue to adopt and integrate new computer-driven technologies, making the computer system design and related services industry one of the fastest growing industries in the U.S. economy.

Location	Pay Period	Bureau of Labor Statistics - 2006 Salaries* for Computer Systems Analyst		
		Entry-level	Median	Experienced
United States	Hourly	\$20.57	\$33.54	\$51.36
	Yearly	\$42,800	\$69,800	\$106,800
Greater Phoenix	Hourly	\$20.56	\$32.65	\$48.36
	Yearly	\$42,800	\$67,800	\$100,600
Arizona	Hourly	\$19.83	\$31.35	\$46.96
	Yearly	\$41,200	\$65,200	\$97,700

For more career information for Information Assurance, visit:

www.bls.gov/oco, www.maricopa.edu/workforce,
<http://www.acinet.org/>, or
www.mc.maricopa.edu/students/career/

For MCC program information, contact
Mark Anderson, 480-461-6114,
Business & Industry Institute/DTC Network
Academy, or visit at <http://bii.mc.maricopa.edu>

*Labor market information provided by AZ Dept of Economic Security in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics. Wages will vary depending on the employer, location, hours worked, experience, responsibility and other factors. Career and Re-Entry Services will collaborate with academic and occupational program departments to develop internship and career experience opportunities.

Sample Job Titles: Information Technology Specialist, Computer Specialist, Data Security Administrator, Information Systems Security Analyst, Computer Security Specialist, PC Analyst (Personal Computer Analyst), Computer Systems Technician, Information Systems Security Officer, Security Director

Types of Employers: Computer systems design companies, federal, state, and local government agencies, business management companies, universities and colleges

Local Employers who posted related jobs on local job boards: Avnet, Inc., Jobing.com, General Dynamics

Professional Associations

International Information Systems Security Certification Consortium ((ISC)²)
<https://www.isc2.org/cgi-bin/index.cgi>

National Information Assurance Partnership
<http://www.nsa.gov/ia/industry/niap.cfm>

National Security Agency
http://www.nsa.gov/careers/careers_2.cfm

For current job openings, go to Maricopa Career Network
<http://mcmaricopa.jobing.com/>.

Computer Security Technicians Overview At-A-Glance:

- Plan, build and maintain security plans and systems
- May work evenings and weekend
- Sit for long periods of time
- Must keep up-to-date on latest technology
- Training usually lasts two to four years
www.azcis.intocareers.org

For additional information on Information Assurance careers or to watch occupational videos, visit:

Arizona Career Information Systems (AzCIS)
www.azcis.intocareers.org
User name: mesacc; Password: 4azcis02

Career Voyages
www.careervoyages.gov

Internships are supervised practical training in a short-term or temporary position with an emphasis placed on instruction, training, mentoring, networking and gaining applied work experience. These positions may be paid or unpaid. Contact Career and Re-Entry Services for internship information: 480-461-7430.

Internship Completed: _____ Dates: _____ Location: _____

Service-Learning is a teaching and learning method that connects meaningful community service with academic learning through guided reflection. Contact the Center for Service- Learning for more information: 480-461-7393.

Service-Learning Completed: _____ Dates: _____ Location: _____

Transfer Options: Contact Transfer Services for more transfer information: 480-461-7452.

Career Assessments Completed:

Career Assessment / Results	Date Completed	Reviewed by

Career Readiness Workshops / Activities Completed:

Workshop Name / Activity	Date Completed	Follow Up Contact (s)
Resume Writing Workshop		
Resume completed and reviewed by:		
Participate in Mock Interview		
How To Prepare for a Career Fair		
Attend Career Fair / Job Expo Location:		
Joined Professional Association:		

MCC Career and Re-Entry Services
Providing Guidance for Career and Workplace Success

For more Career Profiles, visit

<http://www.mc.maricopa.edu/students/career/careerprofiles.html>

Meet with a Career Advisor in Bldg #36, Room SS5N - adjacent to the Kirk Student Center, 480-461-7430

