
Auburn University Job Description

Job Title: **Mgr, Cybersecurity**

Job Family: No Family

Job Code: **MA73**

CS05: \$98,200 - \$157,200

FLSA status: Exempt

Job Summary

Under the direction of the Chief Information Security Officer (CISO), the Cybersecurity (Information Security) Manager assists with the development and delivery of an information security program at Auburn University. The scope of this program is university-wide, and the purpose is to protect University information and its infrastructure from threats; ensure the confidentiality, integrity, and availability of University data; and that the University complies with statutory and regulatory requirements.

Oversees and manages a team of security specialists that provide cybersecurity operations including a Security Operations Center (SOC), systems and network security monitoring, penetration testing, firewall and related infrastructure management, network traffic analysis, and cybersecurity consulting for the University community. Mentor security staff within the group. Assists with Governance, Risks and Compliance (GRC). Consults with leadership on security matters such as security frameworks, policies/procedures, and strategic planning.

Essential Functions

1. Mentors the Cybersecurity team members and implement professional development plans for all members of the team.
 2. The Cybersecurity Manager will provide assistance and provide guidance with Network Security to include:
 - Cybersecurity firewalls and Web Application Firewalls for on premise network and cloud environments.
 - Design and configuration of security systems including firewalls, IDS/IPS, and remote access.
 - Oversee monitoring systems for network server/firewall/network anomalies.
 - Creating infrastructure designs of current and future network designs and incorporates appropriate mitigation of existing and emerging threats.
 - Identifies security design gaps in existing and proposed network architecture and recommends changes/enhancements.
 3. The Cybersecurity Manager will assist with cybersecurity operations to include:
 - Lead the Security Operations Center (SOC) and ensuring continuous monitoring of Cybersecurity events.
 - Provide guidance and lead Auburn's Data Loss Prevention (DLP) Strategies and processes.
 - Provide guidance and lead Cybersecurity awareness and training to include Phishing campaigns.
 - Provide guidance and strategic planning for Security Incident Event Management (SIEM), both in the cloud and on premise.
 - Provide and lead education and awareness programs and advise operating units at all levels on security issues, best practices, and vulnerabilities.
 - Work with campus groups such as Information Security Liaisons to build awareness and a sense of common purpose around security.
 4. The Cybersecurity Manager will provide assistance with Governance, Risks and Compliance by:
 - Coordinating the development of University information security technical standards, guidelines and procedures based on a recognized framework of best practices and in support of Auburn University Policies and regulations such as FERPA, CMMC, and GLBA.
 - Assisting with Risk Analysis and Risk Management.
 - Assisting with Security and Compliance reviews.
 - Assisting with the creation of System Security Plans (SSPs).
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5. Stays fully informed of current information security issues and regulatory changes affecting higher education at the state and national level, participate in national policy and practice discussions, and communicate to campus on a regular basis about those topics. Engage in professional development to maintain continual growth in professional skills and knowledge essential to the position.
6. Performs special projects and other duties as assigned.

Supervisory Responsibility

Full supervisory responsibility for other employees is a major responsibility and includes training, evaluating, and making or recommending pay, promotion or other employment decisions.

The above essential functions are representative of major duties of positions in this job classification. Specific duties and responsibilities may vary based upon departmental needs. Other duties may be assigned similar to the above consistent with the knowledge, skills and abilities required for the job. Not all of the duties may be assigned to a position.



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Minimum Required Education and Experience

	<u>Minimum</u>	<u>Focus of Education/Experience</u>
Education	Four-year college degree	Entry into the applicant pool requires a Bachelor's degree from an accredited institution in Business Administration, Management, Computer Engineering, Computer Science, Information Systems, or a related field. Master's Degree in information technology or directly relevant discipline preferred.
Experience (yrs.)	8	Demonstrated successful experience in information technology that includes a minimum of 8 years of progressively responsible experience in information security. Must possess full or advanced proficiency and understanding of Security Operations, Security Operations Center (SOC) processes, Network Security, and Cybersecurity Governance, Risks and Compliance. Experience as a manager preferred. Experience leading projects involving multiple team members can be considered as management experience.

Substitutions allowed for Education:

Indicated education is required; no substitutions allowed.

Substitutions allowed for Experience:

Indicated experience is required; no substitutions allowed.

Minimum Required Knowledge

Demonstrated knowledge of various security and regulatory compliance standards, such as Understanding and experience with, the Family Educational Rights and Privacy Act (FERPA), Payment Card Industry Data Security Standard (PCI DSS), the Gramm-Leach-Bliley Act (GLBA), the Health Insurance Portability and Accountability Act (HIPAA), the Federal Information Security Management Act (FISMA) and the Cybersecurity Maturity Model Certification(CMMC).

Extensive background and knowledge derived from experience in core cybersecurity and information technology concepts, and skills required at the most senior level.

Experience in managing a cybersecurity department (preferred), technical knowledge of information technology, and cybersecurity practices and advanced degrees.

Knowledge of project and operations management to include team leadership skills including motivating team member and group processes, team collaboration, empowering, coaching, mentoring, training, ethical integrity, championing diversity and inclusiveness, and supervising staff.

Ability to translate specific strategic information into operational programs.

Demonstrated knowledge of cybersecurity concepts including malware, intrusion detection, risk analysis,

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threat/vulnerability management, system hardening, and business continuity.

Understanding of Cybersecurity Frameworks

Must be able to convey goals and objectives clearly and in a compelling manner; listen effectively and clarify information as needed; produce clear status reports; communicate tactfully and candidly.

Demonstrated ability to mentor and lead cybersecurity managers.

Demonstrated ability to identify problems, analyze courses of action, and propose solutions.

Knowledge of data forensics and collection technologies, disk imaging, chain of custody records, handling sensitive information preferred.

Must maintain industry security certification(s)

United States Government Security Clearance desired, but not required.

Certification or Licensure Requirements

Industry recognized cybersecurity certification required within six (6) months of hire date. Recognized certifications include the Certified Information Systems Security Professional (CISSP), Certified Information Security Manager (CISM), Certified Information Systems Auditor (CISA), CompTIA Security+, Certified Ethical Hacker (CEH), Certified in Risk and Information Systems Control (CRISC) and others as deemed appropriate by the CISO of Auburn University.

Physical Requirements/ADA

No unusual physical requirements. Requires no heavy lifting, and nearly all work is performed in a comfortable indoor facility.

Externally imposed deadlines; set and revised beyond one's control; interruptions influence priorities; difficult to anticipate nature or volume of work with certainty beyond a few days; meeting of deadlines and coordination of unrelated activities are key to position; may involve conflict-resolution or similar interactions involving emotional issues or stress on a regular basis.

Job frequently requires sitting, talking, hearing, handling objects with hands, and lifting up to 10 pounds.

Job occasionally requires standing, walking, and lifting up to 25 pounds.

Vision requirements: Ability to see information in print and/or electronically.

Date: 11/1/2020
