

MDEQ JOB ANNOUNCEMENT



Position: Cybersecurity Analyst Team Lead

PIN: 6054

Starting Salary: \$94,395.84

Location: Office of Information Technology

Minimum Qualifications:

Typically requires a Bachelor's Degree and 10+ years of IT experience with emphasis in security and compliance.

Primary Functions:

This position will be specifically focused on security applications, systems, and other components of the agency IT infrastructure that provide information security and protection to the agency. Duties will include, but are not limited to, the following:

- Develop and use penetration testing tools and scripts to detect vulnerabilities within MDEQ systems and networks.
- Install security measures and operating software to protect systems and information infrastructure.
- Teach information security management skills to colleagues, assisting with installation and use of security software.
- Monitor computer networks for security issues and impacts caused by security measures.
- Investigate and document security breaches to assess and mitigate the damage.
- Experienced with network security devices (firewall, IPS/IDS, etc.)
- Perform tests and uncover network vulnerabilities.
- Patch detected vulnerabilities to maintain a high-security standard.
- Evaluate and recommend new and emerging security products and technologies.
- Develop agency-wide best practices, policies, and procedures for IT security.
- Maintain current knowledge through research about changes in security standards and enhancements and make recommendations to management on how to implement needed changes.
- Develop, plan, coordinate, and evaluate cybersecurity training/education training.
- Follow the Cybersecurity Incident Notification Response Standard when addressing a cybersecurity incident notification received from ITS.

- Develop agency guidance for information retention, redaction, and encryption for MDEQ systems to follow federal guidance and mandates.