

Cowley County MIS GIS Internships

The Cowley County MIS GIS offers opportunities for interns to have exposure to real IT and GIS projects. They support multiple forms of government and are exposed to organizational operations related to healthcare, law enforcement, emergency responders, taxation oriented government, civil construction, land management, and education. Some of the projects that interns would be working on include:

Database Migration and Management

Migrate databases from a previous RMS to a new RMS vendor. This includes bringing multiple datasets into the same. To do so will create a migration path, create QA reports on the existing side, migrate data and build scripts to automate the process, create QA reports on the new side and validate all data.

Networking

Repair and upgrade the layer one area of their network in the main buildings. This includes installing cabling, wire management, cable testing, and documentation.

Security Electronics

Installation of audio and video security in many of their buildings. This includes the installation and programming of the cameras, setting up DVR systems, and user security for the software.

Off Site Secure Connection

Install third-party authentication systems using token-based authentication, Secure RDP and LADP Security for Law Enforcement agencies that connect to their infrastructure from remote locations like offsite offices, squad cars, and mobile field devices.

35mm Film to Digital Conversion

Convert many years of Ariel from 35MM film slides to digital images and digitally connect them into an interactive image of the county over many years.

County Trails Mapping

Map and geo-reference trails in the county, adding that data to their GIS systems for use from the public and the emergency responders.

For more information, contact:



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