

Title: Automation Engineer III	Effective Date: September 17, 2008	Grade: XV	Job Category: Professional
Prior Title: Automation Engineer III	Prior Effective Date: August 24, 2007	Grade: XV	Page: 1 of 1

CHARACTERISTICS OF WORK

Under limited direction, this position is responsible for design, implementation, maintenance and support of automated engineering systems.

EXAMPLES OF WORK

The following examples are intended only as illustrations of various types of work performed. No attempt is made to be exhaustive. Related, similar, or other logical duties are performed as assigned. The Department may require employees to perform functions beyond those contained in job descriptions. The Department may modify job descriptions based on Department needs. The Arkansas State Highway and Transportation Department is an "at will" employer.

- Identify and analyze requirements for automating engineering functions.
- Assist in development, installation and modification of engineering application programs and systems.
- Coordinate work, review documentation, and perform testing and walk-throughs prior to placing engineering systems into production.
- Remain familiar with current Department design and construction procedures and techniques identifying areas of potential computer application.
- Maintain current knowledge of programming languages, software and hardware.
- Establish controls, edit, and interface for engineering systems.
- Evaluate resources, restraints on systems, and provide or assist in corrective measures.

MINIMUM REQUIREMENTS

Possession of a current *Arkansas* license to practice professional engineering or graduation from an EAC of ABET approved engineering curriculum or equivalent as judged by the Arkansas Board of Registration for Professional Engineers and Land Surveyors. Engineer Intern certification desired. Knowledge of Department engineering design and construction policies. Knowledge of current Department engineering data processing systems, hardware, and software.

("EAC of ABET" means Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology.)