

Title: Software Analyst III	Effective Date: October 18, 2010	Grade: XV	Job Category: Professional
Prior Title: Senior Software Analyst	Prior Effective Date: August 24, 2007	Grade: XV	Page: 1 of 1

CHARACTERISTICS OF WORK

Under limited direction, this position is responsible for the programming and technical guidance on the most complex computer hardware and application programs, vendor related software, and technical disciplines.

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.

- Analyze requirements for the most technical system software in applicable functional area.
- Customize complex software to fit installation needs and performance.
- Install and implement large system software.
- Respond to system failures of software problems by analyzing problems and applying corrective action.
- Review documentation for new or modified system software.
- Provide guidance on technical problems, performance, and procedures for users and internal personnel.
- Review design specifications for application systems and give technical support.
- Serve in evaluation and selection of new hardware and/or software; participate in development of the acquisition document.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university in computer science plus a minimum of five years experience in system programming in applicable functional area. Knowledge of current Department data processing systems, hardware and software, including data base and data communication software. Ability to customize systems for data processing applications. Ability to evaluate resources, usage, and make recommendations for the future. Ability to determine restraints on system, and provide or assist in corrective measures.

("Accredited" means the educational institution or program is accredited by an accrediting organization recognized either by the United States Department of Education or by the Council for Higher Education Accreditation.)