

Title: <b>Applications Analyst III</b>	Effective Date: August 24, 2007	Grade: XIII	Job Category: Professional
Prior Title: Applications Analyst III	Prior Effective Date: June 23, 2005	Grade: XIII	Page: 1 of 1

**CHARACTERISTICS OF WORK**

Under limited supervision, this position is responsible for determining user requirements on large systems and architecting enterprise solutions OR analyzing complex modifications to existing systems and remodeling these systems into modern solutions.

**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.

- Maintain knowledge of new programming languages and design tools.
- Develop user stories and use case diagrams to represent the user requirements.
- Specify existing functional requirements and new functions or base classes.
- Discover risks and document any assumptions.
- Determine preconditions, dependencies, triggers and exceptions.
- Identify opportunities to eliminate duplicate functionality by creating components and classes.
- Adapt common routine to add to our base reference architecture.
- Organize user roles and functionality into security layers.
- Manage project scope by using phases and iterations.
- Update project progress on development team site.

**MINIMUM REQUIREMENTS**

The educational equivalent to a bachelor's degree from an accredited college or university in computer science or related field. Three years experience in computer programming with focus on languages within the Microsoft development framework. Knowledge of SQL, C# and Visual Basic or Visual Basic.net languages. Knowledge of current system hardware and software, including information architecture. Ability to develop project specifications and apply programming logic to the design, documentation, and implementation of modular computer systems.