

 <p>STATE OF INDIANA CLASSIFICATION SPECIFICATION</p>	Class Title: Applications Systems Analyst/Programmer - Senior		Class Code: 001BC1
	FLSA Status: Exempt	Salary Schedule: RDS	Effective Date: 3-18-13
	Summary: Incumbent works in an agency information technology division under general direction performing application systems analysis and programming duties and typically reports to the Application Systems Analyst and Programming Supervisor, Application Systems Analyst and Programming Manager, or higher level staff.		

Duties:

- Confers with department management to assist in planning, organizing and controlling activities of assigned area;
- Confers with user community to conduct, through research, fact-finding and analysis to formulate and define system requirements, scope and objectives, establish priorities, and monitor progress of complex information systems;
- Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time, and form of desired results to obtain maximum computer utilization;
- Prepares detailed project feasibility studies, formulates complete system scope, project cost, time estimates and human resource and IT infrastructure requirements for new and existing application software systems;
- Assists, directs, trains and coordinates the work of less experienced application software developers and/or application systems analyst staff and assists with development of difficult and complex programs;
- May function as Team and/or Project lead responsible for completion of project phase;
- Provides complete documentation for new or modified information systems and/or application software programs including operational procedures and manuals;
- Prepares detailed specifications from which application software will be written;
- Prepares and conducts system test planning;
- Designs, codes and debugs new application software programs and/or makes enhancements to existing application software programs of all levels;
- Tests and debugs new and existing application software;
- Executes task conforming to shop techniques, standards, policies and procedures;
- May use case tools and/or application development software tools;
- Monitors application software systems to ensure proper execution and performance;
- Performs related duties as required.

Job Requirements:

- Extensive knowledge of information systems design principles and new systems design techniques;
- Extensive knowledge of policies, standards, procedures, and techniques used for application development;
- Extensive knowledge of application development software tools and application development software languages;
- Extensive knowledge of information technology equipment, operation, and capabilities;
- Extensive knowledge of the most recent advancement of information technology equipment, operation, capabilities;
- Extensive knowledge of both system and business applications and competent to work at the highest technical level of all phases of applications systems analysis and programming activities;
- Ability to perform problem solving and analytical analysis;
- Ability to read and understand complicated technical manuals;
- Ability to manage multiple application development software projects and priorities;
- Effectively communicate both orally and in writing.

Difficulty of Work:

Work is broad in scope requiring extensive judgment in adopting techniques to meet the information technology requirements, specifications, standards, and procedures of a complex enterprise wide system.

Responsibility:

Work has a direct influence and impact on the agency's ability to successfully administer the business operation to achieve agency mission, policy, or practice. Technical instruction is generally not needed; however, incumbent may seek guidance when unique problems arise. Work is reviewed for adherence to deadlines and attainment of objectives.

Personal Work Relationships:

Works with agency user community, agency management, and other department staff to define problems, system requirements and establish priorities and monitor progress to develop and maintain information systems. Incumbent works with supervisor, manager, cooperatively with other technical staff, agency personnel and other external business entities necessary for delivering successful information systems.