POSITION TITLE: IT Systems Architect
JOB CODE: New
CLASSIFICATION: Exempt
SALARY BAND: C
BARGAINING UNIT: ESMAB
REPORTS TO: Director or Designee
CONTRACT YEAR: Twelve Months

POSITION GOAL:

The IT System Architect's work involves developing the core technical platform, capabilities, and services that support business processes and data including mapping the relationships between IT platform/infrastructure components (i.e., Technology End Users, IT Systems Software & Hardware, Business / Educational applications and Info-Communications Transmission Networks). The position is also responsible for identifying the key technology interactions and dependencies across systems/platforms, impacting the organization's ability to achieve integration, compatibility, and performance targets. Evaluating total cost of ownership and return on investment of various IT platform/infrastructure alternatives.

ESSENTIAL PERFORMANCE RESPONSIBILITIES:

The IT Systems Architect shall carry out the essential performance responsibilities listed below:

- Supervise staff as assigned in the performance of job duties.
- Provide thought leadership in the design of technology systems & services to meet business requirements and operational objectives.
- Participate as a strategic and forward-thinking technology leader with expertise in technology strategy.
- Define reference architectures that turn business and technology strategic needs into actionable solutions.
- Design, deliver, document, and communicate architecture with a focus on standard design patterns, growth, performance, and scalability.
- Define, apply, and drive the use of design patterns, best practices, and standards in enterprise.
- Provide thought leadership that anticipates strategic, organizational, and technical changes and impacts.
- Partner across various IT and business teams to provide insight and technology recommendations, that result in enterprise solutions that solve critical business problems.
- Identify architectural risks and plans to mitigate the identified risks and perform periodic technology and architecture reviews.
- Participate in policy compliance activities and activities related to system authentication, encryption, technical and operational contingencies, and security.
- Ensure strategies, standards, and reference architectures are consistent and integrated across IT domains.
- Maintain systems technology roadmaps to ensure supportability and awareness for future technology decisions.
- Provide level 3 support, as needed, to resolve the most complex issues impacting business.
- Assist with needed black box testing (functionality testing) and white box testing (structure testing).
- Collaborate with architects, engineers, and project teams to assess requirements and recommend solutions.
- Maintain awareness of industry trends in different technology disciplines.
- Define best practices for supporting recommended solutions.
- Actively participate in creation of strategic technology roadmaps.
- Assist with business case development and presentation to management in support of new technology initiatives.
- Assist with security tasks such as prediction of security attacks and minimizing the impact.
- Implement needed security policies across the District's integrated systems; govern risk compliance; perform penetration testing and vulnerability assessment; perform security management framework assessment; perform policy GAP assessment; risk management; business continuity plan / disaster recovery management.

- Perform and promote all activities in compliance with the equal employment and non-discrimination policies of The School Board of Broward County, Florida.
- Participate in the training programs to enhance the individual's skills and proficiency related to the job responsibilities.
- Review current developments, literature and technical sources of information related to job responsibilities.
- Ensure adherence to safety rules and procedures.
- Follow federal and state laws, as well as School Board policies.
- Perform other duties as assigned by the immediate supervisor or designee.

MINIMUM QUALIFICATIONS & EXPERIENCE:
- An earned bachelor's degree from an accredited institution in computer science, information systems or related field.
- A minimum of six (6) years of experience within the last ten (10) years, in information technology system design, development, and (or) support in a specific technology discipline or competency as a senior technology professional, supporting large enterprise environments.

OR
- A standard high school diploma or satisfactory completion of an approved General Education Development Testing Program.
- A minimum of ten (10) years of experience within the last fifteen (15) years, in information technology system design, development, and (or) support in a specific technology discipline or competency as a senior technology professional, supporting large enterprise environments.

AND
- Experience and familiarity with installation, configuration, and maintenance of one or more IT Systems, in one or more technology discipline for large enterprise environments.

PREFERRED QUALIFICATIONS & EXPERIENCE:
- An earned master's degree from an accredited institution.
- Bilingual skills.

SIGNIFICANT CONTACTS – frequency, contact, purpose, and desired end result:
Communicates regularly with employees throughout the District using tact and good judgment to complete assigned projects.

PHYSICAL REQUIREMENTS:
Light Work: Exerting up to 20 pounds of force occasionally and/or up to 10 pounds of force as frequently as needed to move objects.

TERMS OF EMPLOYMENT:
Salary and benefits shall be paid consistent with the District's approved compensation plan. Length of the work year and hours of employment shall be those established by the School Board.

EVALUATION:
Performance will be evaluated in accordance with Board Policy.

Board Approved:
Board Adopted: