Class Title: Technology Integration Consultant   **Class Code: 12320**
                                                               Pay Grade: GM

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A. Purpose:

Researches and designs business technology solutions to provide statewide support of the information systems strategic planning process as it relates to the integration of technology across agencies and ensure the introduction of new technology is effectively designed and integrated into state government.

B. Distinguishing Feature:

The <u>Technology Integration Consultant</u> researches, designs, and coordinates business solutions that integrate the latest technology on a statewide basis. The incumbent works on projects that affect state government as a whole, with an integration and planning complexity equal to the state's information systems strategic plan. The incumbent uses a consultative approach rather than the traditional programming orientation in working with senior management.
The <u>Technology Integration Specialist</u> develops business solutions for an agency and serves as a resource for evaluating potential approaches for automation. Assignments deal with a state-wide scope within that agency and typically involve integration with other departments. Both levels play an active role in researching, designing, and coordinating business solutions that integrate the latest technology and are not assigned maintenance responsibility of systems.

C. Functions:
(These are examples only; any one position may not include all of the listed examples nor do the listed examples include all functions which may be found in positions of this class.)

1. Provides consultative assistance to senior state management and state agencies on the integration of new business technology to ensure an effective design and integration of business solutions.
    a.   Serves as a statewide technical resource and expert to project management and information systems staff in other agencies.
    b. Studies and prioritizes business issues or new technologies affecting state government as a whole.
    c. Facilitates meetings with agencies regarding the design of current integrated business solutions.
    d. Develops standards and guidelines for the implementation of statewide technology integration.
    e. Develops requests for information on emerging technologies.

2. Researches and analyzes future technology trends to provide the basis in the development of the state's information systems strategic directions.
    a. Develops the concepts and plans to integrate new technology with current information systems capabilities and information needs.
    b. Assists in the planning and development of the state's information systems strategic plan.
    c. Assists in the design and overall architecture of future state information systems.

    d. Reviews existing information processing systems to identify potential opportunities for improvement.

3. Serves as liaison with vendors capable of supplying the technical infrastructure needed to meet business solutions for state government.

4. Performs other work as assigned.

D. Reporting Relationships:

Typically reports to a program manager and provides direction and technical guidance to information systems staff in other agencies.

E. Challenges:

To take a technical leadership role in the design of integrated technology throughout state government. This involves analyzing new technology and trends, anticipating the information system needs of state government in the future, and planning the role of technology in future information systems for the state.

Typical problems resolved include communicating the state's information systems strategic plan to agencies and convincing them to change or re-engineer business practices to maximize the efficiency of information systems statewide.

F. Decision-making Authority:

Decisions made include determining the appropriateness and cost effectiveness of technological changes, and developing plans and recommendations on these changes.

Decisions referred include final approval of recommendations, changes, and implementation plans.

G. Contact with Others:

Frequent contact with senior state management to provide technical advice on technology integration and planning issues, agency information systems staff regarding technology integration, and industry experts to obtain information on emerging technologies.

H. Working Conditions:

A typical office environment.

I. Knowledge, Skills, and Abilities:

Knowledge of:
- the functions, operations, and information systems across all state agencies;
- diverse information technology and disciplines including networks;
- distributed computing; and
- application development, methodology, and software engineering.

Ability to:
- analyze and evaluate new or proposed technology;

- plan and direct integration studies;
- manage people and resources; and
- communicate effectively.