

IMPERIAL COMMUNITY COLLEGE DISTRICT

CLASS TITLE: Systems Architect

BASIC FUNCTION:

Under general direction of an assigned supervisor, research, design, develop, implement and maintain information systems and applications; assist in developing and maintaining standards and procedures to obtain reliable performance of installed systems; program and support complex systems as necessary including system interfaces.

REPRESENTATIVE DUTIES:

Conduct the process analysis, needs analysis and related functional requirements assessment for the development or integration of technology solutions to support educational technology processes. **E**

Develop, implement, troubleshoot and solve complex data exchanges between the College District Enterprise Resource Planning system and other data systems. **E**

Coordinate software administration and support for all third-party applications/systems. **E**

Perform research to discover best-practice solutions to streamline processes. **E**

Research, recommend, and test appropriate technology solutions to support transition to new information technology processes. **E**

Perform research and analysis for supported systems and projects. **E**

Analyze integration limitations and implement solutions. **E**

Provide technical support to other programmers, analysts, operators, end users, and coordinate stake holder acceptance testing. **E**

Develop strategic system architecture plans. **E**

Work directly with consultants or vendors to implement and maintain systems according to requirements listed in approved contracts; assist in the development of contractual requirements for systems. **E**

Write and debug complex computer and database programs. **E**

Evaluate the performance and utilization of computer systems, databases and make recommendations concerning effectiveness, efficiency and quality assurance. **E**

Conduct technology, trends, standards and products research. **E**

WORKING CONDITIONS:

ENVIRONMENT:

Office environment.

Driving a vehicle to conduct work

PHYSICAL DEMANDS:

Incorporated within one or more of the previously mentioned essential functions of this job description are essential physical requirements. The chart below indicates the percentage of time spent on each of the following essential physical requirements.

1. Seldom = Less than 25 percent

2.

3. Often = 51-75 percent