Title: Software Applications Developer Lead

Pay Scale Group: 72 F

Essential Function

Under general supervision from a designed administrator, primarily responsible for translating user system needs (systems analysis and development) into technical solutions by writing software applications, integrating systems, creating, modifying and/or supporting web-based applications.

Characteristic Duties

Develop and maintain intermediate to advanced application programs from detailed specifications; create detailed specifications;

Develop succinct, timely programming code that is logical and optimizes programming resources and meets user requirements; works with user to test and debug programs; fluently uses professional tools for source-code management, issue tracking and testing;

Write documentation to provide user support for new or modified programs and production/operations procedures; responsible for devising or modifying procedures to solve complex problems;

Create web applications or solutions to support user needs and initiatives;

Maintain and support assigned systems to ensure minimal downtime and loss of productivity and service;

Evaluate and enhance the efficiency of existing programs in meeting current and future user needs;

Install new, modified or third party software releases and/or updates;

Evaluate and supplement vendor supplied documentation for third party software;

Serve as an expert resource to others; serve on committees and projects;

May have 20% of their effort in research or teaching in a college unit which requires a combination of in-depth subject matter expertise and excellent communication and presentation skills with the ability to explain difficult technical material clearly and patiently; serves as a technical or team lead by providing guidance and direction to other analyst; responsible for reviewing and inspecting the work of other analysts;

Other related duties as assigned.
Minimum Qualifications

Master’s degree in Computer Science, Information Technology, Computer Engineering, or a relevant degree and seven (7) years related experience – OR – a Bachelor’s degree with five (5) years’ experience – OR – an Associate’s degree with six (6) years’ experience; – OR – nine (9) years’ experience. Experience and/or training include advanced level experience. Possesses broad and deep knowledge of own area and related areas and contributes advanced knowledge, skill, and expertise.