

Class Concept

This is the highest level within the Engineering Supervisory class that has technical, supervisory, administrative and professional engineering work. Positions spend a considerable time in leading and performing the most complex, controversial and/or advanced work in the engineering area of assignment. Positions in this classification supervise a highly valuable component or multiple components of an engineering oriented program. They are responsible for serving as a supervisor and engineering program authority in an organization or component of an organization. Positions in this class may assist program leadership with administrative duties such as planning, organizing and managing daily operations, quality assurance, human resource management functions, and staff development. Positions in this class may serve technical expert and supervisor in the area of assignment. Positions may serve as a technical resource in developing responses to media. Positions at this level may lead a transition from old to new programs and participate in the development and implementation of new rules, policies and/or procedures

Recruitment Standards

Knowledge, Skills, and Abilities

- Thorough knowledge of and ability to interpret professional engineering theory, techniques, practices and procedures organizational structure and/or extraneous factors or implications and ability to apply knowledge of and may interpret local, state and federal rules/regulations governing the area of work.
- Thorough knowledge of applicable information technology, and the impact of work with other systems and programs.
- Considerable knowledge and ability to manage budgets/contracts of limited scope and complexity including resources such as budget, personnel, and equipment within timelines and appropriate fiscal rules and to develop strategies to improve quality of service, performance, and budgetary/operational efficiency.
- Ability to define and implement work unit operational goals and objectives identifying work processes and procedures recommending improvements as needed.
- Ability to review work to ensure compliance with standards and requirements; guides staff in providing appropriate documentation to support conclusions and/or assess options in the most complex and unique situations anticipating potentially problematic situations resolving unusual situations.
- Ability to apply innovative solutions and/or engineering designs where appropriate.
- Ability to define and/or identify risk impact on program policy and procedure issues and ensure implementation to minimize or mitigate risk.
- Ability to implement response to a situation based on interpretation of local, state and federal rules/regulations and standards.
- Ability to conduct and lead investigations and participate in disciplinary actions.
- Ability to communicate, lead and direct implementation of new policies, procedures and protocols.
- Ability to implement change management strategies and principles.
- Ability to develop and implement communication with individual work units, organization, external customers, and the public on program elements and/or engineering resources.
- Ability to review and approve more complex written reports or unique issues according to standards and requirements.

Minimum Education and Experience

Bachelor's degree in an applicable field of engineering from an appropriately accredited institution and five (5) years of progressively responsible experience including three (3) years of supervisory experience; or an equivalent combination of education and experience.

Necessary Special Qualification

May require registration as a professional engineer by the North Carolina Board of Examiners for Engineers and Surveyors.

Note: This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA.