

Class Concept

This is technical, supervisory, administrative and professional engineering work. Positions spend a considerable portion of time in performing the complex, controversial and/or advanced work in the engineering area of assignment. Positions in this classification supervise a component or multiple components of an engineering oriented program. They are typically 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 provide technical expertise and supervision in the area of assignment.

Recruitment Standards

Knowledge, Skills, and Abilities

- Considerable knowledge of professional engineering theory, techniques, practices and procedures and ability to apply knowledge of local, state and federal rules/regulations governing the area of work.
- Working knowledge of applicable information technology, and the impact of work with other systems and programs.
- Ability to 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 less complex situations.
- Ability to identify risk impact on program policy and procedure issues.
- Ability to demonstrate the methodical and logical approach to addressing engineering design needs.
- Ability to assist or conduct investigations and participate in disciplinary actions.
- Ability to communicate and implement new policies, procedures and protocols.
- Ability to demonstrate comprehension of change management strategies and principles.
- Ability to communicate with individual work units, organization, external customers, and the public on program elements and/or engineering resources.
- Ability to prepare, organize and review written reports according to standards and requirements;

Minimum Education and Experience

Bachelor's degree in an applicable field of engineering from an appropriately accredited institution and two (2) years of progressively responsible 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.