

THE FOLLOWING DESCRIPTIONS WILL PROVIDE YOU WITH AN OVERVIEW OF THE CLASSIFICATIONS BEING STUDIED. PLEASE MATCH YOUR ENGINEERING POSITIONS AS CLOSELY AS POSSIBLE TO THOSE LISTED.

Engineer Trainee: Beginner-level engineering work. Requires a Bachelor degree in the field of Engineering.

Graduate Engineer: Intermediate-level work commensurate with two years' experience working in an engineering position. Requires a Bachelor degree in Engineering and two years post-graduate level engineering experience (or one year experience plus master's degree) plus completion of the Fundamentals of Engineering exam. An employee in this class applies engineering skill and knowledge to engineering projects. Work may involve the supervision of technical employees and inspection of the work of contractors. Periodic guidance is received from supervising engineers and a final check is completed by a registered engineer in terms of results obtained.

Senior Engineer: Professional work in engineering. First level of registered engineering work. Requires a Bachelor degree in Engineering and registration as a Professional Engineer. An employee in this classification applies professional skill and knowledge to engineering projects in the field or to projects of equal complexity in an office. Responsibilities may extend to providing technical guidance to graduate engineers, para-professionals and other support staff. Work is generally reviewed by a higher level engineer through periodic conferences and a final check of completed projects and reports.

Principal Engineer: Advanced professional-level engineering work, including supervisory responsibility. Requires a Bachelor degree in the field of Engineering, registration as a Professional Engineer and 2-5 years post-registration engineering experience. Typically the level of expertise required to perform this job can be achieved with approximately three years post-registration engineering experience. An employee in this classification is responsible for directing a significant phase of an agency's overall engineering program. Duties include developing specific policies and procedures necessary to execute a program and coordinating the engineering activities of professional engineers, graduate engineers, and technical support staff. Work is reviewed by an administrative supervisor for overall effectiveness and satisfactory completion of assigned projects.

Administrative Engineer: Highest level specialized engineering work. Requires a Bachelor degree in the field of Engineering, registration as a Professional Engineer with 5-10 years post-registration experience. Responsible for directing a comprehensive technical engineering function of an organization's overall engineering program; making expert technical engineering decisions in the review, analysis and coordination of the activities of professional engineers and technical support staff in an assigned area of engineering responsibility. Supervision is received from a higher level administrator in the form of conferences and review of reports and recommendations in terms of overall effectiveness of results achieved.