

**ENGINEER OR ENGINEER II IN AN ENGINEER SERIES
(Group of Active Classes)**

ARCHITECTURAL ENGINEER II	51022
CIVIL ENGINEER II	51023
ELECTRICAL ENGINEER II	51024
ENVIRONMENTAL ENGINEER	51030
MECHANICAL ENGINEER II	51026
TELECOMMUNICATIONS ENGINEER	51028

Definition

Performs advanced, specialized professional field and office planning and technical work in an engineering specialty; performs design, construction, maintenance, installation or communications design duties; may act as the team lead for a small group of engineers; and performs related duties as required or assigned.

Typical Tasks (illustrative only)

Leads and provides senior-level planning, engineering, coordination, implementation and management support for projects requiring (insert specialty) engineering solutions within the office or section to which assigned; performs design, construction, maintenance, installation, or communications design duties; develops system concepts, designs, specifications, scheduling, and cost estimates; assists with project planning and the preparation of related budgets; interacts with consulting engineers, contractors, vendors, and Fairfax County Public Schools staff; inspects work during installation, modification, and maintenance stages; performs advance engineering tasks within specialty; coordinates the development, implementation and maintenance of training programs in area of specialty; may serve as lead over one or more journey-level professionals or perform advanced engineering tasks with program management responsibilities equivalent to lead responsibilities; writes reports; and attends meetings and conferences, as required or assigned.

Supervision Received/Given

Receives general supervision from a manager, coordinator, or director. May supervise lower-graded employees, as assigned. May provide guidance and assistance to full-, part-time, and/or hourly employees, as required.

Education/Experience/Skills

Any combination of education and experience equivalent to a bachelor's degree in the appropriate engineering field, plus five years of progressively more responsible professional experience in the appropriate engineering field. Thorough knowledge of theory, practices, materials, and equipment of the engineering field to which assigned; comprehensive knowledge of engineering design, maintenance, and inspection techniques; ability to perform advanced engineering tasks within field of specialization; ability to supervise professional journey-level and paraprofessional engineers; ability to formulate life-cycle projections; skill in writing reports, specifications, and contract documents; and ability to communicate effectively, both orally and in writing.

