

ENGINEER

SKILLS



Structure & Function



Analyzing and Interpreting Data



Calculations & Formulas



Applied Engineering



Problem Solving



Cause & Effect



EDUCATION

Bachelor of Science Degree in Engineering from an ABET accredited school

QUALIFICATIONS

Level 3

PE License preferred

Level 4 & 5

PE License required

JOB DEMANDS

Reading • 67-100%

Detailed Design Work • 67-100%

Math • 34-66%

Problem Solving • 34-66%

SALARY RANGE

\$77,000 - \$189,000

TYPICAL DUTIES

- Perform engineering studies or project activities and associated skills which are required to analyze the technical and economic feasibility of or to design and implement new construction projects or modifications to existing systems or equipment, or changes in operation or maintenance of existing systems.
- Develop requests for quotation; coordinate with procurement departments; develop cost estimates; prepare design calculations; obtain field data; utilize drawings; develop design requirements; develop drawings and material lists.
- Research, analysis and reporting performance of a variety of specific tasks within each of the primary responsibility areas: design, procurement, implementation, operations and maintenance, and project management.