



integrity - innovation - quality

ELECTRICAL ENGINEER

Black Creek Integrated Systems is a leading national supplier of computerized electronic security and inmate management systems for the corrections industry. Black Creek's technology has evolved as a standard for numerous large correctional agencies and architectural and engineering firms specializing in criminal justice work. As a result of its experience and reputation over its 30 year history, Black Creek has enjoyed steady growth in what has proven to be a recession-proof industry.

Black Creek is seeking a qualified Electrical Engineer to work on the Engineering team.

Essential Duties & Responsibilities

- Assist in the design and documentation of Detention Control Systems
 - Review Plans and Specifications to ensure design meets requirements
 - Create and review technical drawings
 - Prepare Materials list based on design requirements
- Support Programming during build phase of Detention Control Software
- Support Assembly Shop during build phase of Control Panels and Equipment Racks
- Provide support to Installation and Service teams for issues elevated to engineering
- Perform other duties as assigned by supervisor

Qualifications

- Strong understanding of electrical circuits (AC & DC)
- Strong analytical and problem-solving skills
- Strong computer skills (Office Applications, AutoCAD)
- Ability to work with members of a team
- Strong communication skills with ability to understand and articulate ideas verbally and in writing
- Working knowledge of basic computer networking
- Working knowledge of Programmable Logic Controllers and associated programming languages

Education, Certifications, Licenses

- Bachelor's degree in electrical engineering
- Relevant work experience will improve candidacy

Working at Black Creek

In addition to offering competitive compensation, we offer a generous benefit package that includes:

- 401(k) retirement plan
- Vacation/personal time program
- Paid holidays
- Health & dental insurance
- Life insurance
- Long term disability insurance
- Tuition reimbursement program
- Work week that allows Friday afternoons