

# Be remarkable.



Maximize your unique perspective alongside today's most brilliant minds. Your individuality makes you a valuable team member here. Shaping some of the world's most critical technologies is a highly collaborative endeavor.

BAE Systems is the premier global defense and aerospace company delivering a full range of products and services for air, land and naval forces, as well as advanced electronics, information technology solutions and customer support services. With 97,500 employees worldwide, BAE Systems' sales exceeded \$31.4 billion in 2007.

## BAE Systems Career Open House

Friday, May 30. 12:00 noon - 7:00 PM • Saturday, May 31. 9:00 AM - 2:00 PM

Marriot Hotel - Troy • Mediterranean Room • 200 West Big Beaver Road, Troy, Michigan  
One Team . . . Many Opportunities

**Within BAE Systems' Land & Armaments operating group, the Ground Systems business unit develops and manufactures major ground combat systems for the U.S. Army and Marine Corps, and allied nations.** Ground Systems has 3,200 employees in multiple locations in the U.S. A leading player on the Future Combat System Manned Ground Vehicle development team, the business is responsible for three of the eight manned variants, and for major elements of the common platform design. Ground Systems' technologists and production teams also supply customers with sophisticated subsystems and components such as ceramic body armor, transparent gunshields, reactive and passive armor kits, traction drives, active protection suites, and unmanned ground vehicle capabilities.

BAE Systems is pushing technological boundaries to meet the demands of the military sector and other core industries. If you're eager to cross new frontiers, join our team:

We are seeking innovative talent in order to expand our business in the **Sterling Heights, Michigan area**. Many opportunities are available in the following areas:

### • Mechanical Engineers

Work with leaders in military systems to develop and integrate wheeled and tracked vehicle systems. Responsibilities include development, design and integration of the mobility, weapon, survivability, structures, auxiliary, crew, mechanical, and mission system components. The candidate will be responsible for the assimilation of the design requirements, exploring concept solutions, conducting trade studies, developing selected designs, overseeing hardware prototype build, and verifying the design performance characteristics through test validation in preparation for field tests and production. A BSME plus a minimum of 2 years design experience or equivalent technical degree and experience is required. Pro-E knowledge is desired.

### • Designers

Must work with engineers and drafters to design and develop subsystems and component parts, which can include, but are not limited to, powertrain, suspension, survivability, structures, auxiliary automotive, mechanical, and/or electrical. The candidate is responsible for the documentation, analysis, layout, and design, up to and including final engineering drawings. Proficiency in Pro-E, 3-D and solid modeling is required, proficiency in CADD5; an AA degree plus a minimum of five years design experience or equivalent work experience is required.

### • Drafters

Must work with engineers and designers to draft and detail subsystems and component parts, which can include, but are not limited to, powertrain, suspension, survivability, structures, auxiliary automotive, mechanical, and/or electrical. Proficiency in Pro-E, 3-D and solid modeling is required, proficiency in CADD5; five years drafting experience or equivalent work experience is required at a minimum.

### • Project Engineers

Responsible for the technical coordination, leadership, and execution of proposals, designs, and development projects (e.g. powertrain, suspension, survivability, structures, auxiliary automotive, mechanical, and/or electrical). As a member of an engineering team, the project engineer is the primary technical point of contact to the customer and is responsible for the project's overall technical compliance. A Bachelor's Degree with 11 years of experience or a Master's Degree with 9 years as a Project Engineer is required as a minimum.

### • Electrical Engineers – (Mobile, Power Generation and Management, FPGA Logic, Motion Control, Hybrid Electric Automotive, High Voltage Testing)

Requires a broad knowledge of systems and components for electrical/electronic embedded and test hardware for military systems and vehicles. Bachelor's in Electrical Engineering and 2+ years experience.

### • Quality Engineers

Uses a wide range of Mechanical or Electrical Engineering and Quality skills to research/review technical design development activities, test, and supporting documentation for mechanical, digital & analog integration of systems and subsystems. Routine interaction with all levels of management and the customer. Develops quality systems and procedures to monitor design assurance activities. Develops quality provisions, specification, and validation requirements.

### • Contract Administrators

Responsible for all phases of Contract Administration starting with business development support, proposal development and submission, negotiations and contract management, which includes contract closeout. Familiarity with contract administration, pricing, estimating, accounting, engineering, production, and business law is required. Must have a working knowledge of contracting laws and regulations including US Government acquisition and export regulations such as FAR and ITAR. May be required to administer commercial and international contracts, including subcontracts.

### • Business/Strategic Analyst

Provide business and market analysis in support of continued development of key marketing initiatives. Act as the division focal point to provide external market, customer, and competitive analysis for executive management action. Work with other team members and managers to articulate business strategies and translate them into tactical and operational plans for development, maturation, and performance.

### • Program Manager

Responsible for managing one or more programs. Manage any or all forms of contracts. Oversee program budget and schedules. Has primary responsibilities for program growth; may be responsible for developing and marketing new technology or follow-on business acquisition. Accountable for all schedules, quality, profit, performance, and customer satisfaction with respect to relevant program. Manage departmental personnel, budgets, and administration.

### • Specialty Engineers (Senior Reliability/Maintainability, Quality)

Requires strong/broad background in reliability/probability with application to complex military or aerospace systems; Bachelor's in ME, EE, Math or Physics.

### • Simulation Engineers

Requires in-depth knowledge of MATLAB, DADS, FEA, OneSAF/MoDSAF computer program. Experience with development of computer graphics is desirable. Ph.D. with 4 years experience or Master's with 7 years or Bachelor's Degree with 9 years.

### • Systems Engineers

Requires knowledge in one or more of the following: requirements analysis and performance optimization, weapon systems, vehicle design and physical architectures, embedded system integration, architectures and interfaces, C4ISR, sensor integration, survivability suites, ballistic fire control, integrated diagnostics, control systems, operations research, requirements management, object-oriented modeling. Requires a BS or MS in Engineering or related technical field.

Other Opportunities:

- **Engineering III • Engineering Manager**
- **Process Engineers • Logistics Engineers**
- **Supply Chain Manager • Program Specialists**
- **Technology Development Schedulers (Earned Value)**
- **Business Manager (Earned Value)**

Please view our website for additional positions open in Sterling Heights as well as other locations.

[www.baesystems.com/UScareers](http://www.baesystems.com/UScareers)

U.S. Citizenship is required for most positions.

We offer a friendly, professional environment where individuals can expect exciting challenges, personal growth, competitive salaries and excellent benefits including 401(k), tuition reimbursement, performance share, flexible work schedules and more. Contribute to our vision of the future.

For more information on available positions, visit our website at:

[www.baesystems.com/UScareers](http://www.baesystems.com/UScareers)

An Equal Opportunity/Affirmative Action Employer who values and respects diversity.

# BAE SYSTEMS

REAL COMMITMENT. REAL ADVANTAGE.