

Optics Engineer

Vantage Partners, LLC
3000 Aerospace Parkway
Brook Park, Ohio 44142

Vantage Partners, LLC is a multi-disciplinary engineering services company providing progressive solutions to spaceflight projects within the National Aeronautics and Space Administration and the NASA prime contractor community.

Equal Opportunity Employer

Description:

Provide optical engineering and electrical design support for the Flow Boiling and Condensation Experiment (FBCE) at the NASA Glenn Research Center. The selected candidate will:

- Support the development of a variety of optical systems, illumination systems, and high-speed imaging diagnostic systems to be used on the Flow Boiling and Condensation Experiment.
- Develop conceptual designs and conduct breadboard and engineering model testing and requirements verification of optical diagnostics subsystems for the Flow Boiling and Condensation Experiment.
- Plan, write test procedures and conduct tests.
- Interface and work closely with the GRC and VPL Optical Task Leads.
- Provide optical support for project technical reviews.

Required Skills:

- Basic coursework and laboratory skills involving optical physics, optical system design and characterization.
- Ability to support the development of breadboards in the laboratory for optical diagnostic and illumination systems.
- Ability to use various pieces of electronic laboratory test equipment.
- U.S. citizen.

Other Desired Skills:

- Experience with Microsoft Office products Excel, Word and PowerPoint.
- Ability to clearly document test results.
- Ability to work independently or as a member of a product development team.

Education/Experience:

- Working towards degree in Physics/Engineering with an emphasis in Optics.
- Completed relevant coursework in physics and optics.

Apply for this position:

<https://www.paycomonline.net/v4/ats/at-jobopportunities.php?clientkey=0DF0D496C43889B2EDEB6D8B5043142D>