

VISION EASE Job Description

Job Title: R&D Intern
Reports To: J. Mulligan
FLSA Status: Non-Exempt
Grade: 5
Department: R&D
Division: R&D - ATC
Location: Ramsey
Prepared By: R. Steffes
Prepared Date: 1/31/2019

Summary:

The R&D Intern will perform and be responsible for project focused work on active ophthalmic eyewear (e.g. photochromic, polarized lenses). This successful candidate will have a general background in chemistry, experimental physics and material science. Having a knowledge base that includes one or more of the following disciplines: optical physics, polarization theory, analytical techniques especially with coating, solid state systems/semi-conductors, vacuum systems and color science.”

Essential Duties and Responsibilities include the following:

- Perform laboratory tasks
- Coating lens materials; handling chemicals (with PPE)
- Metrology (e.g. color assessment, optical measurements, morphological)
- Carry out conditioning tests (e.g. artificial aging tests)
- Perform mathematical analysis of results
- Carry out literature searching
- Report results (spreadsheets, PowerPoint, etc.)
- Performs other duties as assigned

Qualifications:

- General background in Chemistry/Experimental Physics/Material Science
- Preferred course content including optical physics, polarization theory, analytical techniques especially surface techniques, coding (especially Matlab or equivalent)
- Preferred experience with coatings, optical physics, solid state systems/semi-conductors, vacuum systems, color science
- Proficient in Microsoft Office applications
- Capable of developing relationships across groups
- Strong project management skills
- Able to collaborate with other department personnel

Education/Experience:

- Pursuing a Bachelors degree in Chemistry/Physics/Materials Science/ or Electrical Engineering
- Knowledge of Lean Manufacturing and/or Six Sigma.

Language Ability:

- Excellent communication skills; strong influencing skills.
- Must be able to communicate appropriately with all levels of personnel within the organization.

Reason Ability:

- Ability to coordinate, and assist in the execution of projects
- Ability to evaluate an audience and to communicate effectively with a wide range of personnel
- Must possess initiative, discipline, quality and customer service focus

Computer Skills:

- MS Office proficiency

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.

- This position requires work in both office and manufacturing settings
- Employee may be exposed to moving mechanical parts and/or chemicals

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

- Physical demands are relative to that of an office environment. Sitting, standing, working at a computer, attending meetings, conference calls, etc.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.