



# **Global Communication Semiconductors, LLC**

Corporate & Foundry

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Website: [www.gcsincorp.com](http://www.gcsincorp.com)

Job Title: **Sr. Engineer, Process Integration**  
Job Req: #0674  
Department: Opto-Engineering  
Status: Full-Time, Exempt  
Shift: Day

## **Job Description**

- Primary focus will be in integrating process sequences for optoelectronic devices such as VCSELs, Photonic Integrated circuits, Edge emitting lasers, PIN detectors etc.
- Prepare process documentation and training materials for technology transfer
- Lead process development and improvement efforts in different areas in the GCS compound semiconductor FAB.
- Assume Project Management responsibilities – including interacting with customers, preparing schedules and reports on a periodic basis.

## **Job Requirements**

- BS/MS Degree in Physics, Electrical or Chemical engineering with 5-10 years of hands-on experience in Optoelectronic Device design and fabrication
- Hands-on experience with III-V semiconductor design and fabrication
- Must have project management experience
- Must be thoroughly familiar with cleanroom processes such as PECVD, wet etching, dry etching, and photo resist patterning
- Hands-on experience with photo mask design and associated CAD tools
- Experience with SPC, DOE and FMEA is required
- Must have good written and verbal communication skills.