

GC Photonics is seeking Senior Optical Engineer to be part of an R&D team. Projects involve a broad range of technologies including micro optics, fibre optics and optical communication system. The successful candidate will be a hands-on individual contributor who can translate high level design into detailed design documentation, and provide supervision and guidance to a remote team who will do the design implementation and testing.

- Provide guidance to a remote team that will implement and test the design. Time zone differences between the teams will require early morning and/or evening conference calls as required to maintain real time communication between the teams.
- Provide assistance in problem resolution with the design implementation when escalated from the remote team.
- Participate in design reviews.
- Provide input to test plans and regulatory compliance testing as required.
- Responsible for technical design evaluations and failure analysis.
- Generate effective solutions that are imaginative, thorough, practical and within cost and time targets.
- As a member of a small team it will be expected that additional special projects and other duties may be assigned as required.

Education and Work Experience

- Requires a BS/MS degree in physics or optics.
- 10 plus years R&D experience in fiber optics.

Desired Experience

- Experience with erbium doped fiber amplifier
- Experience with wavelength selective switch and other optical module
- Experience with optical communication system
- Experience with passive fiber optical components
- Chinese speaking is an asset.