**Position Summary**:

The Prototype Shop Technician build the future of high-quality, energy-efficient luminaires and lighting systems, Finelite may provide just the opportunity you’re looking for.

What you’ll be doing:

* Working in Finelite’s engineering shop, you’ll take it from a shop with basic manual hand tools to a Rapid Prototype Center focusing on 3D printing, mini CNC 4 axis Mill, CNC Plasma Cutter/Router table and beyond
* Responsible for the shop facility as well as scheduling, prioritizing, and fabricating pending prototypes
* Help the Engineering department bring new products to the market and support our customer’s needs through customization and support of existing luminaires

You’ll be involved with the following:

Product Development:

* Take part in various levels of prototypes from early concept phase to custom options of existing luminaries
* Opportunity to fabricate, assemble, and wire prototype luminaires

**Essential Functions**:

* Responsible for the shop facility as well as scheduling, prioritizing, and fabricating pending prototypes
* Help the Engineering department bring new products to the market and support our customer’s needs through customization and support of existing luminaires

Product Development

* Take part in various levels of prototypes from early concept phase to custom options of existing luminaries
* Opportunity to fabricate, assemble, and wire prototype luminaires

**Minimum Job Requirements:**

Education: Technical degree with 2+ years of applicable work experience or 4+ years prototype shop experience

Portfolio: Must Provide a Portfolio of at least 4 project Work Examples the demonstrate skills listed below.

Specific Skills:

* Experience of 3D Printers required
* Experience with Solidworks
* Experience with basic shop tools (saws, breaks, shears, drilling, sanding, etc.) as well as wood, plastic and metalworking tools/ equipment
* Assembly experience (adhesive assembly, nuts & bolts)
* CAD/CAM experience (create tooling paths in Vectric Cut2D and Cut3D, MasterCAM etc. software) a plus
* Basic electrical circuit knowledge a plus
* Proven portfolio showing attention to detail and diverse project experience

Education:

Technical degree with 2+ years of applicable work experience or 4+ year’s prototype shop experience

Skills desired:

* Experience of 3D Printers required
* Experience with Solidworks
* Experience with basic shop tools (saws, brakes, shears, drilling, sanding, etc.) as well as wood, plastic and metalworking tools/ equipment
* Assembly experience (adhesive assembly, nuts & bolts)
* CAD/CAM experience (create tooling paths in BobCam, MasterCAM etc. software) a plus
* Basic electrical circuit knowledge a plus
* Knowledge of BobCam or other CAM programs a plus
* Proven portfolio showing attention to detail and diverse project experience

All essential functions or responsibilities are determined to be essential job functions for which reasonable accommodation will be made. Ability to perform the secondary functions or responsibilities is not a requirement of the job, but an incumbent may be required to perform these duties if able. This job description is not to be construed to be an exhaustive statement of duties, responsibilities, or requirements. Employees will be required to perform any other job-related instructions as requested by their supervisor or senior management, subject to reasonable accommodation.