# Job Listings

## Mechanical Engineering Technician

**Employer:** UW-Physical Sciences Laboratory  
**Date Updated:** 3/26/2004

**Description:** This position will participate in a variety of fabrication and development activities for the ICE CUBE project currently underway at the Physical Sciences Laboratory. (Visit www.psl.wisc.edu for more information) This is a very hands on position and the candidate must be willing to support all aspects of the project including fabrication, assembly, testing, design, analysis, and procurement. Duties: Participate in the fabrication, assembly and testing of components, devices and systems. Keep track of purchased components and status of parts being fabricated in instrument shop. Research components and work with possible vendors. Specify components and prepare requisitions for purchased components. Design components using computer tools to help analyze, document and communicate designs. Requirements: Candidate will be expected to work a minimum of (10) hours per week during the current school term and work full time (35 hours or more) during the summer '04. Exceptions may be granted for finals week and extreme circumstances. Must a have means for transportation to and from PSL as we are located 10 miles outside of Madison. Sophomore standing or higher majoring in an engineering or related discipline; Proficient in Microsoft Word and Excel; Training in several of the following: mechanics of materials, manufacturing processes, thermodynamics, fluid mechanics, heat transfer, Autocad or Solidworks, Mathcad, finite element analysis). Experience in the fabrication and assembly of mechanical devices preferred. Apply by sending cover letter and resume, including current compensation and requirments, to Clay Vinje at the address listed or as an email attachment to: cvinje@pslsrc.wisc.edu.

**Pay:** $9.00 - $11.00  
**On Busline:** No  
**No. of Positions:** 1

**Contact:**  
**Address:** 3725 Schneider Dr.  
**Stoughton WI 53589**  
**Fax:**

**Job ID:** 12628

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