



Alcoa Wheel & Transportation Products

705 Regional Park Road
Lebanon, VA 24266
Tel: 276-889-7146

Alcoa Wheel and Transportation Products (AWTP) Mechanical Engineering/Electrical Engineering Summer Job/Internship/Coop (June-July-August 2008)

AWTP in Lebanon, VA is seeking a rising junior or senior who is pursuing a BS degree in Mechanical Engineering or Electrical Engineering for a summer work opportunity.

We anticipate that this assignment, reporting to the Plant Engineering Manger, will last approximately two months. The intern will, with oversight and mentoring from the Engineering Manager, perform multiple FMEA's (Failure Mode and Effects Analyses) on critical equipment in our forging and machining operations.

The FMEA's will consist of analyzing machine operations, documenting these operations into subsystems, assemblies and finally components, the identifying potential causes and severity of failures. Subsequent to this process, the intern will evaluate, devise, and prioritize Maintenance strategies to prevent and/or manage the most severe potential breakdowns.

The intern will spend a significant amount of their time on the shop floor, working hands-on with machines and Journeyman Maintenance Technicians. Knowledge of FMEA is highly desired, as well as a familiarity with Lean Manufacturing concepts.

For consideration please submit a letter of interest plus resume to:

Clark Phipps
Human Resources Manager
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Lebanon, Virginia
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276-889-7146 voice
276-889-7969 fax