2015 MnTAP Summer Internship: Lou-Rich in Albert Lea, MN
Lean Manufacturing Project focused on Improved Process Efficiency and Reduced Energy Consumption

The Minnesota Technical Assistance Program is seeking a junior or senior college student to lead a project focused on lean manufacturing and process efficiency at Lou-Rich, a contract engineering and manufacturing company located in Albert Lea, MN. The intern will use value stream mapping, time studies, motion studies, and other lean tools to assess the efficiency of a manufacturing line at Lou-Rich. The intern will then make recommendations and implement solutions leading to improved process efficiency, and a reduction in energy consumption. The project will also involve analyzing and reducing process related waste in wastewater through the implementation of more environmentally friendly alternative solutions.

JOB DUTIES:
As part of this project, you will be asked to complete the following tasks:
1. Development of current state map (time studies, motion studies, etc.).
2. Identification of bottlenecks causing process inefficiencies.
3. Identification of waste: motion, transportation, waiting, overproduction, etc.
4. Recommendation and implementation of a more efficient process.
5. Reduction of energy consumption.
6. Reduction of process lead time
7. Improvement of process flexibility.
9. Documentation of findings in a detailed report.
10. Presentation of overall results at a MnTAP hosted public presentation event.

As an intern, you will work at the company and report back to MnTAP. The position is full time, 40 hours per week, for three months to start after the conclusion of spring semester or quarter. Pay is $13/hour, with a lump sum stipend of $1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to $15.00/hour when averaged over the project.

QUALIFICATIONS:
- Cumulative GPA of at least 3.0
- Good oral & written communication skills
- A technical academic background
- Troubleshooting skills
- Appropriate majors: 
  Industrial, Mechanical, or Chemical Engineering, and others as applicable

TO APPLY:
Apply online at [www.mntap.umn.edu/intern/student_apply.htm](http://www.mntap.umn.edu/intern/student_apply.htm)
Remember to submit your application form, cover letter, resume, and unofficial transcript.
Applications can be addressed to:
Linda Maleitzke, Intern Coordinator
200 Oak Street SE, Suite 350
Minneapolis, MN 55455 • lmaleitz@umn.edu

MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY.