Internship: Lead a project focused on energy conservation at a community hospital.

Company: North Memorial Health Hospital

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on energy conservation at North Memorial Health Hospital in Robbinsdale, MN. The intern will work with MnTAP and North Memorial Health Hospital staff to understand and quantify the energy use of the boiler system and evaluate potential improvements.

JOB DUTIES:
As part of this project, you will be asked to complete the following tasks:

1. Analyze natural gas use by existing boilers to understand capabilities, seasonal trends, and opportunities for improvement.
2. Evaluate, analyze, develop, and cost-justify potential opportunities for seasonal boiler energy savings.
3. Evaluate software and sensor based options for controlling HVAC system based on room occupancy.
4. Evaluate potential cost and energy savings associated with adding economizers to existing and proposed boilers.
5. Evaluate existing condensate return system, catalog and repair leaks, and identify and cost justify energy saving optimization opportunities.
6. As agreed upon, and as time permits, identify additional associated energy conservation opportunities.
7. Work with hospital and facilities staff to coordinate site work priorities, provide timely updates to staff, and implement feasible recommendations.
8. Manage project tasks, activities, and project documentation effectively, professionally, and safely.
9. Summarize findings in a detailed report.
10. Present project findings to hospital administration and other personnel and at MnTAP-hosted public presentation events.

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 $14.00/hour, with a lump sum stipend of $1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to $16.00/hour when averaged over the project. Candidates must pass a background check.

QUALIFICATIONS:
- Cumulative GPA of at least 3.0
- Good oral & written communication skills
- A technical academic background
- Troubleshooting skills
- Self-motivated
- Excel and other software skills
- Appropriate majors: Engineering, and others as applicable

TO APPLY:
Apply online at: 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:
Nathan Landwehr, Intern Program Administrator
200 Oak Street SE, Suite 350-1
Minneapolis, MN 55455 • landwehr@umn.edu

MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY