

Strengthening Minnesota businesses by maximizing efficiency and lowering costs through energy, water and waste reduction

INTERNSHIP: Lead a project focused on energy efficiency at small industrial facilities (Summer 2017)
COMPANY: Center for Energy and the Environment

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on energy efficiency with the Center for Energy and the Environment (CEE) in Minneapolis, MN. The intern will work with MnTAP and CEE staff to perform energy and waste audits at small industrial facilities to identify savings opportunities in areas such as compressed air systems, scheduling of major pieces of equipment, lighting, and HVAC. The student will draft reports detailing savings opportunities for 4 facilities over the summer, encourage implementation, and follow up with the facilities to verify savings.

JOB DUTIES:

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

1. Document processes and conditions in each plant.
2. Investigate potential areas of improvement and select several for a more detailed investigation.
3. Explore opportunities and create a report including predicted savings and recommendations.
4. Work with the company's management and employees to encourage and outline a strategy for implementation of suggestions.
5. Follow-up on status of recommendations and document savings.
6. Manage project tasks, activities, and project documentation effectively.
7. Work professionally and safely.
8. Summarize findings in a detailed final report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
9. Present project findings to CEE, industrial facilities, Xcel Energy 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 \$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. Candidates must have a valid driver license and 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, environmental or physical sciences 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.

Cover letters can be addressed to:

Nathan Landwehr, Intern Program Administrator
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Minneapolis, MN 55455 • landwehr@umn.edu

MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY