

Internship: Lead a project focused on water and energy efficiency at a Minnesota sports complex
Company: National Sports Center - Blaine, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior level college student to lead a project focused on water and energy efficiency at the National Sports Center complex in Blaine, MN. The intern will work with MnTAP and National Sports Center staff to review current operating procedures for facilities such as ice rinks, turf grass sports fields, a golf course, as well as other indoor facilities as applicable. Using facility data, observations and research, the intern will investigate potential changes to facility management that will minimize water consumption and/or increase energy efficiency. The intern will present detailed recommendations to National Sports Center staff and will support implementation of any solutions as time allows.

JOB DUTIES:

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

1. Evaluate water and energy data for the National Sports Center campus. Prioritize opportunities based on volume and usage.
2. Research ice rink management, as well as Zamboni wash and ice recycling practices. Consider procedure changes that will increase efficiency.
3. Review turf grass irrigation and artificial turf facility management practices for opportunities.
4. Investigate additional improvements for National Sports Center facilities within the scope of water/energy efficiency and waste prevention.
5. As appropriate and as time allows, implement any approved changes and monitor results.
6. Summarize overall findings in a detailed report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
7. Present findings to the organization 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 \$15/hour, with a lump sum stipend of \$1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$17.00/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, 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.

Applications can be addressed to:

Matt Domski, Intern Program Manager

200 Oak Street SE, Suite 350-1

Minneapolis, MN 55455 • mdomski@umn.edu

MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY