CEE Advising Announcement
December 23, 2009

Michigan Technological University
Civil & Environmental Engineering Department

HAPPY HOLIDAYS!

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Announcements:

Spring Bills Due – January 6th, 5 PM

Spring bills due and enrollment confirmed. $50 late fee assessed for bills paid or enrollments confirmed after this time.

EE3010 (Circuits) – Online option for off campus/co-op students

EE3010 is a great class for ME, Civil and Bio-Med students who may be off campus on co-op. They can keep their degree plan moving forward while they’re off campus. We’ll have another section this spring with a distance-lab. The distance lab requires a high-speed internet connection for a few hours per week. Many off-campus students sign up for an available two hour-time slot through the week and then drop by their favorite internet cafe to perform their labs.
Summer Internship:

Homeland Security STEM Summer Internship Program

PROGRAM DESCRIPTION

The U.S. Department of Homeland Security (DHS) sponsors a 10-week summer internship program for eligible rising junior and seniors majoring in homeland security related science, technology, engineering and mathematics (HS–STEM) disciplines. The DHS HS–STEM Summer Internship Program provides students with the opportunity to conduct research in DHS mission–relevant research areas at federal research facilities.

The goal of this program is to engage a diverse, educated, and skilled pool of scientists and engineers in HS–STEM issues and to promote long–term relationships between student researchers, the DHS Science and Technology (S&T) Directorate, and federal research facilities to enhance the HS–STEM workforce.

DHS has partnered with Oak Ridge Institute for Science and Education (ORISE) to manage the application and review process, notification, and implementation of the Program. The DHS Science and Technology Directorate reviews applications and makes final award selections.

AWARD

- Stipend of $500 each week ($5,000 for 10 weeks) payable every two weeks
- Transportation expenses for one round trip between the student’s current address and the assigned federal research facility, with some limitations

Please visit the following website for more information: [http://www.orau.gov/dhsinternships/](http://www.orau.gov/dhsinternships/)

Deadline is January 5th, 2010
Job Postings:

**Constellation Energy**

Constellation Energy has several job openings. See .pdf for details.

Constellation Nuclear Pipeline.pdf:
http://mtu-csm.symplicity.com/u/PciwyvyQ

**Ric-Man Construction**

Ric-Man Construction, Inc.
http://ric-man.com/
6850 Nineteen Mile Road
Sterling Heights, MI 48314

Position: Assistant Project Engineer
Project: Combined Sewer Overflow Control Project (Capture Shaft/Sinking Caisson Construction) in Dearborn, MI
Starting Date: January 2010
Project Duration: approximately the 2010 calendar year

Ric-Man is a medium sized construction company (approx. $30mil per year gross revenue) based out of Sterling Heights MI (suburb located about 12 miles north of Detroit) that has been in the underground construction business for 44 years. It is a family owned and operated company with a small management team, so there is opportunity for growth and advancement. Presently Ric-Man seeks projects located in the mid-west, centered around the metro Detroit area. Scope of work includes heavy civil construction and tunneling. Our team focuses on watermain, storm and sanitary sewer installations and works almost exclusively for public municipalities. Our company is presently thriving and growing in our local industry.

This entry level position consists of working directly beneath Ric-Man's Project Manager at the Project site on a daily basis. Qualified candidates will actively participate in organizing and managing Project documents, interface with subcontractors and suppliers, attend regular meetings with the Owner/Engineer, and offer general assistance to the Project Manager. Candidates should be punctual, reliable, flexible and dedicated. Candidates must show proficiency interpreting Plans and Specifications, CPM scheduling, using MS Office programs, etc. Work hours are mostly flexible but a 40 to 50 hour work week is expected. Ric-Man offers competitive wages and benefits, which will be negotiated at the time of hire.

All interested candidates should contact:
Andrew Smith, EIT (2006 MTU graduate)
Project Manager
Ric-Man Construction, Inc.
asmith@ric-man.com
Rail Engineering Opportunities

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AECOM is an Equal Opportunity Employer
Forestry Technician (Dispatcher)  
GS-0462-07

The Ottawa National Forest is recruiting qualified applicants for a permanent, full-time Dispatcher

Information Contact: Dean Karlovich, 906-358-4551, ext. 15

E-Mail: dkarlovich@fs.fed.us

Position Title: Forestry Technician (Dispatcher), GS-0462-07

Duties: This position serves as a Fire Dispatcher for the Ottawa National Forest and is a part of the Forest’s Fire Team. Duty station for this position is Watersmeet, MI.

The Fire Team is responsible primarily for wildland fire preparedness and suppression support activities, but may respond to all-risk incidents as needed or directed. The area involved may encompass federal, state, tribal and private lands within the dispatch center's area of influence. The primary purpose of this position is to serve as a fire dispatcher in support of fire suppression activities.

Qualifications (KSA’s):

- Ability to communicate effectively other than in writing.
- Knowledge of forestry methods and techniques.
- Knowledge of dispatching equipment, techniques, and processes related to forest fire suppression activities.
- Ability to maintain written records.
- Ability to plan work and meet deadlines.

Additional Requirements:

As a selective factor, applicants must have 90 days of on the line wildland firefighting experience gained through containment, control, suppression or use of wildland fire.

How to apply:

Apply on-line no later than January 22, 2010: www.usajobs.gov

Search for the following Announcement #: PERM-OCR-462-4567-IADISP G & DP

Select: Watersmeet, MI as the duty station