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TREASURE VALLEY SECTION ASME NEWSLETTER



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April 10th Presentation: Tour of Whiteman Industries

Whiteman Industries is the number one manufacturer of Power Trowels in the world. It has operated for more than 60 years. Other products produced at this facility: Mechanical drive Ride on Power Trowels, Hydraulic drive Ride on Power Trowels, Plate Compactors, Vibratory Concrete Screed, Roller Concrete Screed, Light Towers, Concrete Saws, and Utility Trailers for mobile Generators. You can also plan to see Robotic welding, CNC lathes and mills, NC metal saws, and a State-of-the-art powder coat system.

What is a Power Trowel? Think of it as an upside down helicopter that is used to finish concrete floors. A Ride on Power Trowel is 2 or more of those connected together, upon which an operator sits. What is a Screed? It is the device used to initially smooth the concrete that has been placed by the ready-mix truck.

Date: April 10th, 2001
Time: 6-7:30 p.m.
Location: 3850 S Business Way, Boise, ID 83716
Directions: Take I-80 to Gowen Rd exit.
East on Gowen about 1/2 mile.
South on business Way.
Enter through main office front entrance.
Contact: Tim Jaszowski, 336-7650 ext. 122

Summary of March Presentation: Decision Design Tool

Jeff Patrick from Hewlett Packard demonstrated a Mathcad based program to assist engineers with the design of thermoplastic parts. This program was developed during his master's degree with Dr. Larry Stauffer at the University of Idaho and will analyze variations due to loads, humidity, material selection and age. It can be used during product design or analysis of problem parts. The program includes part cost estimates and uses statistical tools including the Taguchi Loss Function. This program can be found on the University of Idaho Engineering web page.



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Personal and Professional Benefit-of-the-Month – Small Business Support

ASME's International Entrepreneurs Center (<http://www.asme.org/smallbiz/index.html>) is a developing online resource for engineering entrepreneurs. ASME wants to hear from members what information/networking needs exist. Here is an opportunity to post your comments, suggestions, and new ideas in a forum that will guide ASME in developing the Small Business Center to match your needs.

University of Idaho plans to offer ME433 Combustion Engine Systems

The University of Idaho plans to offer ME433 Combustion Engine Systems in Boise in a condensed format this summer over the compressed video system. The condensed semester would start ~5/21/01 and end ~4 weeks later. The class would meet 5 days a week for 1.5 to 2 hours each day. Class hours have not been set, but most likely the class will start at 4 pm or 5 pm MT.

The 3-credit course covers the theory and characteristics of combustion engines; combustion process analysis; fuels, exhaust emissions and controls; and system analysis and modeling.

Please contact Dr. Steve Beyerlein [sbeyer@uidaho.edu] if you are interested.

2001 – 2002 ASME Tour Ideas Needed

If you have any good ideas for tours, meeting locations, or any other group activities, please bring them to the next meeting, or e-mail them to me (russella3@asme.org). We will plan next year's tour schedule at the May 8th meeting, so plan to attend if you would like to help plan activities for the Treasure Valley Section. The May 8th meeting features a tour of the Table Rock brewery (downtown), so we plan on a good turnout and plenty of input for next year's schedule. Hope to see you there...

College of Engineering at Boise State University offers Masters Degrees

The College of Engineering at Boise State University offers Masters Degrees in the following areas: Civil Engineering, Computer Engineering, Electrical Engineering, and Mechanical Engineering. Thesis and non-thesis options are available. More information about our graduate programs and the College of Engineering in general can be found at our website: <http://coen.boisestate.edu>

Treasure Valley Section ASME 2000-2001 Remaining Tours

The following lists our remaining events. See <http://coen-nt1.boisestate.edu/asme/> for latest details.

| Date | Time | Event | Location | Contact |
|-------------|-------------|---|---|-------------------------------------|
| Apr 10th | 6 pm | Tour of Whiteman Industries, number one manufacturer of Power Trowels in the world. | 3850 S Business Way, Boise, ID 83716 | Tim Jaskowiak, 336-7650 ext. 122 |
| May 8th | 6 pm | Table Rock Brewery tour. Either brewery in town or out of town. End of year meeting, plan next year's events. | Table Rock Brewery, downtown | Alan Russell (208) 846-5392 |