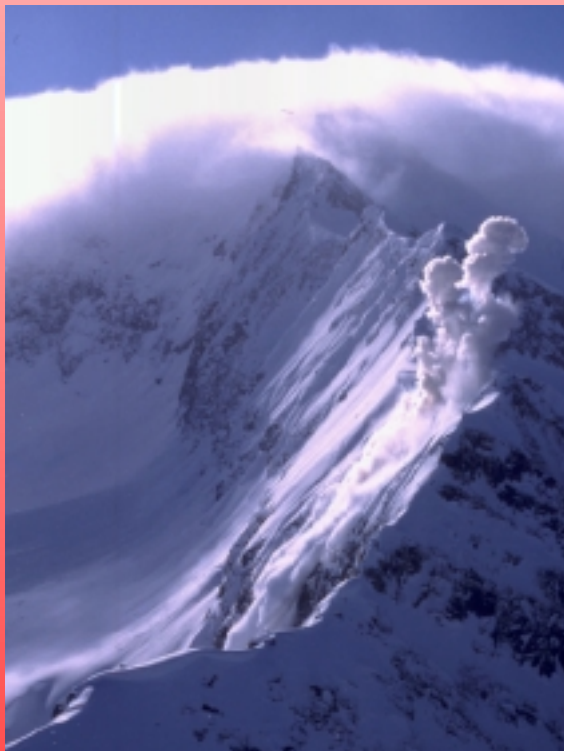




Avalanche Engineering

Date: Thursday November 14, 2002
Time: 7:00 pm Meeting
Cost: The Meeting is Free
Location: Wyndham Garden Hotel
427 N. 44th Street
(North of Van Buren on 44th St.)
RSVP: Required (see below)

Preceding the Meeting there will be a **Social at 5:30 pm** and **Dinner at 6:00 pm**. The cost for dinner is **\$20 for members** and Non-Members and **\$10 for Students**. For dinner this month, you have a choice of Italian Meat Lasagna (beef), Baked Chicken Breast stuffed with ricotta cheese and draped w/ roasted garlic tomato sauce (chicken), or a vegetarian pasta dish (pasta).



Back by popular demand!

Lee Dexter, a Professor of Geology at NAU will discuss avalanche related topics such as contributing factors, dynamics, mechanics, mitigation and safety. Professor Dexters' areas of specialization include: alpine environments, snow & ice, weather and climate, hydrology, and geomorphology.

We had such a tremendous response to our January 2002 Meeting, we decided to bring Professor Dexter back for an encore. If you missed that meeting, now you have a second chance. Don't miss it!

Please RSVP To: Elena Micich
Phone: 602-231-4674
Email: elena.micich@honeywell.com
Before noon Tuesday November 12th
Leave a message with the number in your party and a phone number at which you can be reached. If you will also be attending the dinner preceding the meeting, please also leave your selection of Beef, Chicken or Pasta for each person in your party.



Chair's Message

Greetings to the Arizona Section ASME.

I have only one hope as you are reading this message. I hope that you downloaded this copy from the Arizona Section web page and you are reading it on your computer!

“The Arizona Section of ASME is taking a bold step into the future.”

The Arizona Section of ASME is taking a bold step into the future - after January 1, 2003 you will no longer receive a paper newsletter. Each month I will send you an e-mail letting you know that the newsletter is available for you on line at <http://www.asme.org/sections/AZ/>. There are lots of advantages to an electronic newsletter - full color and immediate availability to name a few. It also will allow the Arizona Section to use the money spent on postage for better, more interesting

programs for the members!

There is only one problem. If you do not have a current e-mail address listed with ASME - you won't receive my e-mail. Updating your information is easy, just go to <http://www.asme.org/member/> and click on Register or Update your Member E-mail Alias . You will need your member number to access your information.

If you have any trouble updating your address you can call the ASME Western Regional Office at 1-800-624-9002 and they will be glad to help you. Updating your information is quick & painless - do it today!

Eric Smith

Chair,
Arizona Section ASME

Did You Know, ASME...

- Offers quality programs and activities in mechanical engineering enabling its practitioners to contribute to the well-being of humankind.
- Conducts conferences, exhibits and regular meetings of local chapters to keep practicing mechanical engineers up to date on new technology.
- Publishes 19 technical journals, plus numerous books, technical reports and magazines on mechanical engineering.
- Facilitates the development and application of technology in areas of interest to ASME members and the mechanical engineering profession.
- Maintains and distributes 600 codes and standards for the design, manufacturing and installation of mechanical devices.
- Provides short courses on current technical developments.
- Advises federal and state government on technology-related public policies.
- Manages ASME.ORG on the World Wide Web (<http://www.asme.org>).
- Offers members an array of benefits at attractive rates.
- Disseminates information about mechanical engineering and technology to elementary and high school students and the general public.

Brain Teaser

Dilbert is waiting for the local donut shop to open. He glances at his clock and notices the time is 3:15pm. Out of sheer boredom Dilbert works out the angle between the minute and hour hand.

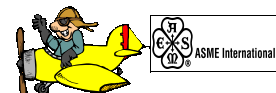


What was the angle between the hour and the minute hands at 3:15pm?

At 3:15 the minute hand will be perfectly horizontal pointing towards 3. Whereas the hour hand will be moving towards 4. Also, the hour hand must have covered 1/4 of angle between 3 and 4.
The angle between two adjacent digits is $360/12 = 30$ degrees. Hence 1/4 of it is 7.5 degrees.

Answer

7.5 degrees



LDI program offers taste of leadership

Four of this year's LDIs visited ASME headquarters last month. Standing, from left: Larry C. Russell, who works for the U.S. Army Research Office in Research



Triangle, N.C., is working with the Council on Engineering, and Curtis E. Schmillen, who is employed by Harris Mechanical Contracting in St. Paul, Minn., and is working with the Council on Member Affairs. Seated, from left, are G. Mitchell Lowe, who is supporting the Council on Codes and Standards. He works for Eastman Chemical in Kingsport, Tenn. Yohei K. Yamamuro, seated right, will

work with the Council on Public Affairs. He is employed at Hewlett Packard in San Diego, Calif. Not pictured are Aureen Currin, the intern for the Board of Governors who works for GE Aircraft Engines in Lynn, Mass., and Karma K. Snyder, who is working with the Council on Education. She is employed by John C. Stennis Space Center-NASA in Stennis, Miss.

ASME's Leadership Development Initiative (LDI) program is a year-long activity for younger members designed to identify and cultivate future ASME leaders. Participants serve a one-year interactive learning experience with one of the five councils or with the Board of Governors.

Applications are now being solicited for next year's six LDI intern positions. The application deadline is Dec.10. Applications and program details are at www.asme.org/ldi/ or contact Warren Leonard at leonardw@asme.org for more information.

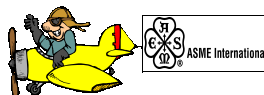
A Students Perspective on the Regional Management Training Seminar (MTS)

In late September, I had the opportunity to attend the MTS in Albuquerque, NM. As a new student section chair, I found the seminar to be a valuable experience. First of all, I had the opportunity to meet other student section chairs and advisors from across the region. The interaction was beneficial, because I was able to find out that other organizations, experience growing pains similar to the ones we experience at Arizona State University. I was able to exchange ideas to increase member-

ship activity. Secondly, some of the lectures, i.e. the Leadership Lecture, were extremely interesting and beneficial. Lastly, it was fun to interact with some of the other student members on a social level. I personally had the opportunity to explore Old Town Albuquerque with some students from Mexico. I was able to learn about the southwestern culture on a first hand basis, with private "tour guides". I highly encourage other students to take advantage of similar opportunities as they arise in their local areas.

Ron Newcomb

ASME ASU Student Section Chair
Asme@asu.edu



2002-2003 Calendar of Events

Nov 2	Internet Intro
Nov 12	Board Meeting -APS Building
Nov 14	Avalanche Engineering - Wyndham Gardens Hotel
Dec 10	Board Meeting -APS Building
Dec 12	Holiday Party
Jan 7	Board Meeting -APS Building
Jan 9	Medical Imaging -TBD
Feb 11	Board Meeting -APS Building
Feb 13	Engineering Careers Panel Discussion - ASU
Feb 16-22	Engineer's Week
Mar 11	Board Meeting -APS Building
Mar 13	Honors & Awards Banquet -TBD
Apr 8	Board Meeting -APS Building
Apr 9	Industry Breakfast - Wyndham Gardens Hotel
Apr 10	Windsurfing - TBD
May 6	Board Meeting -APS Building
May 8	Steak Fry -Pera Club

Avalanche Engineering Meeting Map



WYNDHAM GARDEN HOTEL PHOENIX AIRPORT



