Message from the President

Welcome back from Winter Break! Hope all your semesters are going well so far. You know what could add some excitement in your life? By being a member of the Colorado State University ASCE Student Chapter. Attend general meetings and earn PLI Credits, and don’t procrastinate your graduation requirements. For more excitement, become involved in our community service projects and upcoming activities. We’ll talk about events coming up at our next General Meeting, which will be Thursday, February 16th in Clark A101 at 5:30pm, food will be provided. Want more information on the latest happenings and activity opportunities; check your emails from CSU ASCE. If you’re not a member and would like to become one, grab a membership form in the staircase next to Laurie Alburn’s office or email us at csu.asce.mem@gmail.com.

General Meeting

The next general meeting will be held on Thursday, February 16th from 5:30 – 8:00pm. There will be a guest speaker presenting upon Denver’s RTD light rail system. Pizza and PLI credit will be available! You must RSVP to Sean Franklin at sfrank@rams.colostate.edu.

Upcoming Events and Dates

- General Meeting February 16th 5:30 PM
- ASCE Regional Conference: March 29 – 31

Website gets a facelift

Thanks to our new webmaster, Kirsten Sargent, the CSU’s ASCE student chapter’s website has been renovated. Quick links to events via the calendar, newsletters, event information, regional competitions and more can be found here. Check it out at www.engr.colostate.edu/asce/.
Steel Bridge

The ASCE Colorado State University Student Chapter is the organization where you can find out more about the CSU Steel Bridge and Design Team. We are preparing for regional competition March 29-31 at the University of Wyoming in Laramie Wyoming.

In competition the bridge is judged based on 6 different categories: Display, Construction Speed, Construction Economy (how many builders do you have), Lightness, Stiffness, and Structural Efficiency (weight and deflection of bridge). The bridge has been designed by lowering the weight, by cutting out and eliminating steel, without jeopardizing the structural integrity of the bridge.

We have finished the design stage of the bridge and are now moving on to the constructing portion. We will be using the Machine Instructional Laboratory at the Engineering Research Center. Here we will cut and drill our steel pieces, and learn some basics of welding, while having more professional welders actually weld our bridge.

During and after the construction of our bridge we will need some artistic people to put together a poster to represent our bridge at competition. If you are interested in helping with Steel Bridge feel free to send an email to csusteelbridgeteam@gmail.com.

Concrete Canoe

The concrete canoe is looking very good as of late. The concrete mix's were tested and we were able to achieve a concrete that has a unit weight of 53pcf and compressive and tensile strengths of 1400 and 290 psi respectively. Fluid analysis is being done to showcase our geometry from the geometry that other schools use each year. Our finite elements analysis is almost complete and we are incorporating some new ideas that test the canoe under conditions that other schools do not test on their canoes. Our team ended up building our own canoe mold this year instead of getting it milled by a CNC. We anticipate that the canoe form will be finished on Friday 2-10 and we will apply our concrete to the form on the 11th. The theme for this year’s canoe is Colorado Native and we will be applying graphics like the stickers to the canoe once it is cured.
Congratulations New Officers!

The New Year also brings new officers! Your new officers for 2012 are:

**President:**
Kristi Gemperline  
kgemp@rams.colostate.edu

**Vice President:**
Sean Franklin  
sfrank@rams.colostate.edu

**Secretary:**
Daniel Morgen  
mogen@rams.colostate.edu

**Treasurer:**
Jeremy Begley  
begley.jeremy@gmail.com

**Webmaster:**
Kirsten Sargent  
ksarg@rams.colostate.edu

**Historian:**
Robert Lankford  
lankfordrj@gmail.com

**Activities Co-Chair:**
Tyler Lund  
tylerlund18@gmail.com

**Activities Co-Chair:**
Jocelyn Bryant  
jocbry@rams.colostate.edu

**Publicity Chair:**
Cory Arnold  
arnolde@rams.colostate.edu

**Membership Chair:**
Jake Leins  
jleins@rams.colostate.edu
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Community Service Chair:
Vaishak Gopi
vaishak100@yahoo.com

Funding Chair:
Nicole Hodges
nicolehodgesamber@yahoo.com

Conference Chair:
Luke Whalen
lawhalen10@gmail.com

Concrete Canoe captain:
Richie McBeth
rmmcbeth@rams.colostate.edu

Steel Bridge Co-Captain:
Kristi Gemperline
email

Steel Bridge Co-Captain:
Tony Grasso
agrasso2@rams.colostate.edu

Northern Colorado Branch
Representative & Student
Advisor:
Don Silar
don.silar@stantec.com

Faculty Advisor:
TBD
TBD

Practitioner Adviser:
Raymon Nickle
Raymon.Nickle@aecom.com

Practitioner Adviser:
Dr. David Frick
frickd@ayresassociates.com
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2012 Number Search
Happy New Year!
Can you find “2012” twenty times in the puzzle below? You can look for it forwards, backwards and diagonally too!

2 3 4 2 1 0 2 3 5 2
0 0 3 0 5 0 2 4 0 0
1 4 1 1 4 3 1 3 1
2 0 2 0 1 2 5 4 2
1 0 4 3 5 4 0 2 3 2
2 0 1 2 5 4 1 3 5 0
3 3 1 2 0 1 2 2 0 1
2 0 1 5 4 3 1 1 0 2
2 0 1 2 4 0 3 0 0 5
2 5 2 2 2 1 0 2 5 2

Submitted by Don Silar

Source: jokesprank.com