



Great Lakes Conference 2014

American Society of Civil Engineers
University of Illinois at Urbana-Champaign

Dear Great Lakes Student Chapter:

This is Mailer IV of the Great Lakes Conference 2014. Please read the following information carefully as it contains pertinent information and rules about the competitions. This information may not be repeated in subsequent mailers, so do not delete this mailer.

Enclosed in this mailer:

- Detailed Schedule
- Hand-In Information
- Final Concrete Canoe Information
- Maps Between Competition Locations
- Environmental Competition Scoring

Due to time constraints on Saturday, April 12th, we are moving the Mystery Design competition to Friday. Please view the attached schedule for the specific times.

Along with this mailer, a complete list of individual registration information will be sent to all contacts for each school. If there are any corrections needed, please send one email per school listing all corrections. The deadline for any corrections is due by Friday, March 7th.

If you have any questions about the conference, please direct them to asceglc2014@gmail.com. Also for easier access to the website, there is a redirect address of www.glc2014.com. We are using social media during the conference as well. The Facebook page can be located at www.facebook.com/asceglc2014 and the Twitter page is www.twitter.com/asceglc2014.com.

We look forward to seeing you in April,

Mark Keller
ASCE Student Chapter President
GLC 2014 Chair



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Detailed Schedule

Thursday, April 11th, 2014		
Event	Time	Location
Team Check-In	6:00pm-8:00pm	Yeh Center 1st Floor Lobby
Concrete Canoe Captain's Meeting	8:00pm-9:00pm	1310 Yeh Center
Friday, April 12th 2014		
Event	Time	Location
Concrete Canoe Unloading	6:30am-8:00am	Homer Lake
Breakfast at Homer Lake	7:00am-8:00am	Homer Lake
Surveying Competition	8:00am-4:00pm	Homer Lake
Concrete Canoe-Judging	8:00am-9:30am	Homer Lake
Concrete Canoe-Swamp Testing	9:30am-11:00am	Homer Lake
Materials Competition	10:00am-2:00pm	Talbot Laboratory
Concrete Canoe-Endurance	11:00am-2:00pm	Homer Lake
Lunch	12:00pm-1:00pm	Homer Lake/Talbot Laboratory
Concrete Canoe-Sprint Races	2:30pm-5:00pm	Homer Lake
Mystery Design Competition	3:00pm-5:00pm	Homer Lake
Steel Bridge Captain's Meeting	7:00pm-8:00pm	1310 Yeh Center
Saturday, April 13th, 2014		
Event	Time	Location
Steel Bridge Team Unloading	6:30am-8:00am	Parkland Gymnasium
Concrete Canoe Presentation	8:00am-1:00pm	NCSA
Environmental Competition/Presentation	8:00am-12:00pm	Newmark Crane Bay/2311 Yeh Center
Technical Paper Presentation	8:00am-12:30pm	3350 Yeh Center
Steel Bridge-Aesthetics	8:00am-9:00am	Parkland Gymnasium
Steel Bridge-Competition Runs	9:00am-5:00pm	Parkland Gymnasium
Lunch	12:00pm-1:00pm	Yeh Center/Parkland Gymnasium Basement
Quiz Bowl Competition	1:00pm-3:00pm	1310 Yeh Center
Business Meeting	4:00pm-5:00pm	1310 Yeh Center
Great Lakes Conference Banquet	7:30pm-9:30pm	Round Barn Banquet Center



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Hand-In Information

Technical Papers:

One electronic copy of the paper should be submitted to Raphael Stern at stern5@illinois.edu. Papers must be received by Friday, March 7, 2014.

Material Competition Mix Design Reports:

For ease of judging, our committee has decided to make the design reports due Friday, March 21, 2014. The judge will review the reports for any inaccuracies. The reports will then be returned on April 10 during the registration period with any inaccuracies marked. Each team will then be able to appeal the inaccuracies from 10am-11am on Friday, April 11.



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Final Concrete Canoe Announcements

The deadline for design paper and engineer's notebook submission is March 14. We must **receive** your paper on or before that date in order to not receive a penalty. Keep in mind that the weather has been rough for delivery services and you should take that into account when deciding on a date to ship. Please refer to the rules for everything that must be submitted. In some cases, multiple versions of the same document must be sent for verification. Unlike previous years, **only electronic versions** of the submission materials should be submitted. The submission must be in the form of CDs. Please mail all submission materials to the address below. This address is a business location and thus cannot accept Saturday or Sunday deliveries.

GLC 2014
c/o Armen Amirkhanian
1611 Titan Drive
Rantoul, IL 61866

The weather has been extremely cold this winter and as such, all bodies of water in the area are substantially frozen. While there is a month and a half for the weather to warm up, it is possible that the race site might not be suitable for racing. While racing in extreme cold conditions is possible with gear such as immersion suits, we cannot enforce that each team purchase such equipment for use during racing. Upon guidance from our Rapid Rescue staff and the Champaign County Forest Preserve District, the races will be canceled for the following conditions:

- Ice cover prevents free movement of canoes and rescue staff.
- Extreme weather forces the closure of the forest preserve.
- On site rapid rescue staff deem conditions unsafe/dangerous for rescue missions.
- Water temperature is below 15C (59F) per USCG NVIC 7-91.

If you have any questions or concerns, please do not hesitate to contact us.



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Maps between Competition Locations

Google Maps route from Newmark Laboratory/Yeh Center to Homer Lake:

<http://goo.gl/maps/9Yoqy>





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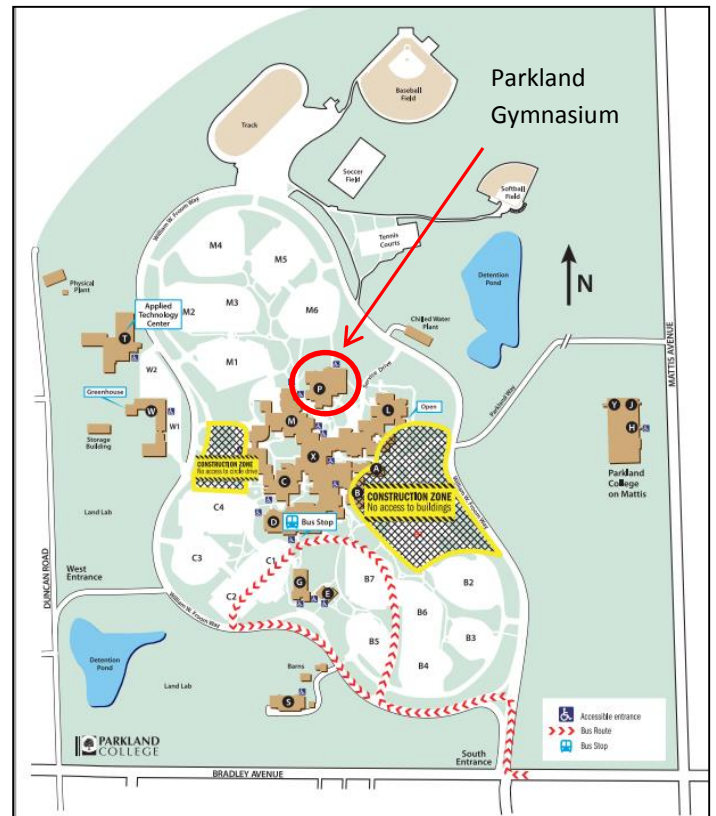
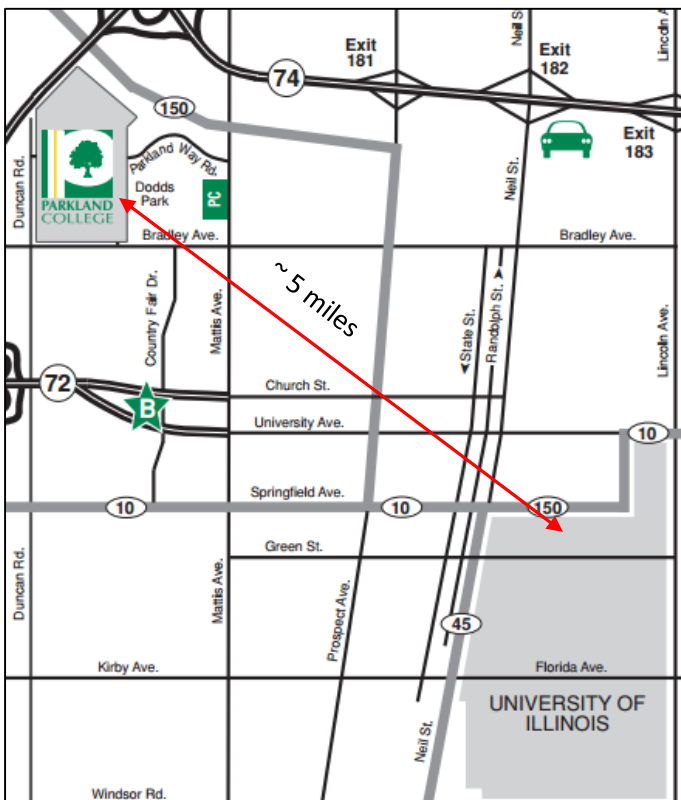
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Maps between Competition Locations

Google Maps Route from Newmark Laboratory/Yeh Center to Parkland Gymnasium:

<http://goo.gl/maps/91XNB>



Competition Scoring

Max Score: 100 Points

Scoring equation:

$$100 - [100\% - (\text{Percent of Oil Recovered})] - (\text{Percent of Recovered Liquid that is water}) - \left(\frac{1}{6}\right)(\text{Energy Used})$$

*Energy will have units of (w • h)

Presentation Scoring Rubric

Environmental Engineering Presentation

School Name _____

Category	Possible Score	Score
Explanation of System	15	
Innovation	15	
Scalability	20	
Cost Efficiency	20	
Quality of Presentation	20	
Answers to Judges Questions	10	
Deduction for Exceeding 7 Minutes	-10	
Total Score		
Comments		