



Following are general questions and answers for Pump School 2023. If you have other inquiries, please contact Cornell Pump at pumpschool@cornellpump.com. The categories include meals, classes, travel, CEUs, and general logistics.

MEALS

- 1) Can I attend the reception Monday, September 11, 2023?

Yes. All pump school registrants and spouses may attend the reception at the Benson Hotel. Heavy hors d'oeuvres will be served, along with drinks. Hours for the reception are 6:00 p.m. to 9:00 p.m.

- 2) What meals are provided by Pump School?

DATE	MEAL	LOCATION	FOOD
Monday, September 11th	Reception 6-9:00 p.m.	Benson	Heavy Hors d'oeuvres
Tuesday, September 12th	Lunch 12:00-1:00 p.m.	Hall 1	Sandwich Buffet
Tuesday, September 12th	Dinner 6:30-9:00 p.m.	PDX Art Museum	Dinner Entrees
Wednesday, September 13th	Lunch 11:30 a.m.-12:30 p.m.	Factory Parking Lot	BBQ
Wednesday, September 13th	Cocktails 5:30-6:30 p.m.	Lobby	Drinks

- 3) Can I bring my spouse to the Tuesday dinner?

Yes. Spouses are welcome. We will be dining at the Portland Art Museum—if you plan on doing so, please let us know so we can correct the headcount for food orders.

CLASSES

- 4) What's the difference between introductory and advanced classes?

The basic classes assume the participant has less familiarity with pumps, conditions, and hydraulics. Many of the same topics (e.g., NPSHr and System curves) are covered in both sections. The advanced classes will begin with the expectation that those in attendance have some familiarity with the subject. You are free to move between the basic and advanced classes.

- 5) When do classes start/end?

Classes begin at 8:00 a.m. on Tuesday and go until 5:00 p.m. On Wednesday, the factory tour starts at 8:25 a.m.—buses will leave from the Benson at 7:30 a.m. If you choose to come back for afternoon classes at the Embassy Suites, classes will be over at 5:00 p.m. If you decide to stay at the factory for advanced training, the session will be over by 3:50 p.m. The bus will take you back downtown starting at 4:00 p.m. You should arrive downtown before 5:00 p.m. (expecting regular rush hour traffic.) For more details about timing, please consult your schedule handout.

- 6) Can I switch between basic and advanced?

Yes. You can choose the topics you'd like to attend. You can stay in either session of classes the entire time or move between them. There is also an additional slurry track on day two. It is your



choice as to which class to attend—we trust you'll choose the classes that most benefit your learning.

HOTEL ACCOMMODATIONS

7) What hotel options are there for Pump School?

Cornell Pump reserves a block of rooms at the Benson Hotel (309 SW Broadway, Portland, OR 97205). A limited number of rooms are available at the Pump School Attendee rate, so it is advised to book your rooms early. Several other hotels are near the Benson, including the Courtyard Marriott at 550 SW Oak St and the Embassy Suites at 319 SW Pine St.

TRAVEL

8) How do I get from the airport on MAX (or what are my options, e.g. car rental)

Cornell does not have an official pick-up/ return to the airport. We choose the hotel we're at because the accommodations are nice AND because it is close to the MAX rail line that links the airport with downtown. You can get on the light rail train at the airport and ride to a station within two minutes of the hotel. Rides cost \$2.50 each way (with daily and weekly passes available). Passes can be downloaded right to a smartphone.

Please check with Metro on the schedule. During the school, the Gateway stop linking the Red Line from the airport to downtown will be closed for repairs, and service will be available but disrupted. The TriMet trip planner is online at <https://trimet.org/home/planner>; You could use the planner for your appropriate time/day. Trains run every 15 minutes. The beginning location would be the PDX transit station, ending at the Benson Hotel.

Alternatively, shuttle service is available for about \$20, Uber for about \$30, taxi for about \$45 (depending on traffic), limos for about \$80, and rental cars from \$70 to \$200 per day depending on model, plus \$22+ a day to valet park. Some options are available here: <https://www.pdx.com/PDX/GroundTransportation>

On the trip back to the airport, many participants leave simultaneously and often share cabs, splitting the cost. The other transit options (rail, shuttle, etc.) would also be available.

9) Is transportation provided to/from the factory?

Yes. We provide transportation (buses with at least two Cornell staff on each bus) to and from the factory on Wednesday, September 13, 2023. Cornell's factory is approximately 14 miles from downtown. That day, participants can return to classrooms for further sessions or stay later at the factory and watch advance assembly. In either scenario, we'll get participants to and from the factory.

Wednesday morning at Benson Hotel, busses load for Cornell at 7:15 a.m. and depart for the factory at **7:30 a.m.** Busses should arrive at the factory by 8:15 a.m. Busses will depart at 12:30



p.m. for Benson Hotel—if you plan on attending the presentation classes in the afternoon, you should be on that bus. If you are staying for the afternoon advance hands-on class, the bus will depart at 4:00 p.m.

10) **Can you drive to the factory?**

Yes. You may drive to the factory instead of riding the bus. The address is 16261 SE 130th Ave Clackamas, OR 97015. Please arrive between 7:45 and 8:15 a.m. to take a tour and begin hands-on classes. We'll enter the factory in groups at 8:25 a.m. Parking is available at the factory.

CEUs

11) **What are CEUs?**

Continuing education credits, units, or hours (listed as CEUs forward) are training credits awarded by an agency that has vetted a program or presentation and believes it will impart value to members, especially in keeping up training and learning in the area of expertise. The awarding agency assigns a value of credit to the classes.

Cornell is proud to offer CEUs from OESAC, the Oregon Landscape Contractors' Board, and Washington DOE again.

12) **What do I have to do to earn CEUs**

To earn CEUs, you must sign in and out of class daily near the registration table. We'll have unique clipboards with the tracking sheet. Once you have completed your classroom or hands-on training on Wednesday, September 13th, and have used the sign-in/out form, you can choose between OESAC, LCB, and DOE certificates.

Cornell will also provide all attendees with a certificate of completion for attending Pump School 2023.

13) **Are other CEUs offered?**

Cornell has applied for confirmation from OESAC, WA DOE, and LCB. Their certification may be transferable to other organizations with similar roles in other states. We have previously applied for other organizations' certifications (e.g., California CWEA and Massachusetts DEP). If you are looking for CEUs from states other than Oregon or Washington, we will work on applying. Your help getting the form and appropriate contacts at the agency is appreciated.

CEUs other than OESAC, LCB, or WA DOE should be sought immediately. Many organizations will only grant status before the class takes place.



GENERAL LOGISTICS

14) What things should I do in Portland while I'm here?

Portland offers eclectic nightlife, a vibrant food scene, and a close location to outstanding fishing, hiking, beaches, and mountain getaways. Depending on your available transportation and your free time, Portland has many fun experiences for you to enjoy. Close to the hotel, though, are the world-famous VooDoo Doughnuts—the line can be up to two blocks long to enjoy these fanciful doughnuts such as bacon-topped maple bar, fruit loop-covered crueller, and grape ape® glazed, made with Grape Koolaid® powder. Chinatown, with Lan Su Chinese Gardens, is also very close by. To indulge in delicious food, visit one of Portland's many food carts. As the epicenter of the food cart revolution, Portland is home to more than 600 food carts. Several collections of carts (pods) are only a few blocks from the hotel. For a few dollars, you can try a world of food. Once you finish your food, try visiting Portland's lively beer scene. Five breweries are within easy walking distance of the Benson, and many more are a cab, Uber, or MAX ride away.

Link to the Portland Visitors Bureau: <http://traveloregon.com/cities-regions/greater-portland/>

15) When is Pump School 2024?

Pump School 2023 is tentatively set for September 10 & 11, 2024. This is subject to change.

16) When do I get presentations/handouts?

At the end of pump school, you'll receive all the classes (days one and two) presentations on a memory stick. Your welcome packet includes a condensed hydraulic data book, Installation and Care Guide, and Hydraulic Seminar workbook. Brochures and additional materials are available near the registration table.

17) Do you offer refunds?

We realize that sometimes plans change. We allow refunds through September 1, 2023. After that, we are not able to offer a refund. We can transfer an attendee's registration to someone else.

18) When is the last day to register?

Registration is open until we are sold out or through August 21, 2022, whichever comes first. We often sell out in July, so if you would like to attend, we encourage you to sign-up as soon as possible.

19) Why do the registrations sell out?

To provide our attendees with the highest quality experience and education, we cap the maximum number of students for the in-person event. The factory training sessions are incredibly uncomfortable if we exceed our maximum attendee threshold.