



The Order of the Engineer Application Form

The ceremony will be held prior to the E-Week banquet **February 24, 2018**.

Check-in & Registration start at 4:30 p.m. The ceremony will begin promptly at 5:00 p.m.

If you wish to join us as a participant in the Order Ceremony please complete the following:

Name: _____
(Please Print or type)

Employer/Engineering School: _____

Address: _____

Phone: _____ Fax: _____

Email: _____ Little finger of working hand ring size: _____

If you don't know your size, ring sizing kits will be available at the Ceremony registration desk

You must meet one of the following criteria to be eligible for membership into the order.

Please check which one is applicable:

- Hold a current license in good standing as a Professional Engineer. License state: _____
License Number and Expiration date: _____
- Canadian Engineer who has completed the Ritual of the Calling of an Engineer. Date: _____
- Currently Engineering Intern or meets requirements of the Nevada State Board for admittance to Fundamentals of Engineering exam. Planned or completed FE exam date: _____
- ABET-accredited B.S. engineering program graduate. Institution and date: _____
- Student currently enrolled in an ABET-accredited engineering degree program within one year of graduation. Institution and anticipated graduation date: _____

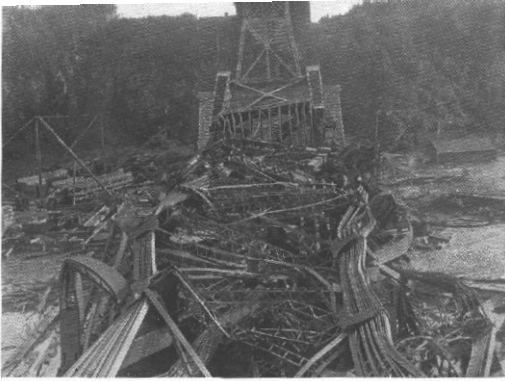
*Please send the completed form along with a one-time fee of \$20 to cover the cost of the ring, certificate and room. **The form must be submitted by Friday, February 16, 2018 in order to receive a pre-printed certificate at the ceremony.** Applicants who register at the door may have to receive their printed certificates in the mail. **Please make checks payable to Nevada PE Foundation.** Please do any one of a), b) or c):*
a) electronically complete this form using Adobe Reader X or later, and email it to the address shown below, bringing your \$20 check or cash to the ceremony, or
b) print, complete, scan and email or fax the form, then bring your \$20 check or cash to the ceremony, or
c) print, complete and then US Postal mail the completed form, with \$20 check (no cash) to:

David E. James, P.E., PhD
Chair, Order of the Engineer, Link 154
UNLV Civil and Environmental Engineering
4505 Maryland Parkway Box 45-4015
University of Nevada, Las Vegas, NV 89154-4015
E-mail: dave.james@unlv.edu Fax: 702-895-3936 Questions? Please telephone me at 702-895-5804

On-site registration begins at 4:30 p.m. and the **ceremony begins promptly at 5:00 p.m. Saturday February 24, 2018.** We look forward to your participation!

About the Order of the Engineer

Origin of the Ceremony



In the early 1900's, a group of local businessmen hired the Phoenix Bridge Company along with a famous bridge engineer from New York, to design and build what would be the longest spanning bridge in the world. The bridge was to span 2,800 feet over the St. Lawrence River in Québec, Canada and was originally planned to have a center span 1,600 feet long, 150 feet above the waterway. A desire to economize led to an increase in the length of the center span to 1,800 feet, but the associated weight increase associated with the increased span length was under-estimated, and many structural members were under-sized. Even though the error was detected in design review, bridge construction proceeded. During

construction, girder deflections in excess of allowable tolerances appeared, and the work was temporarily stopped while the engineering team reviewed the situation. Pressured by schedule and cost, the warning signs were discounted, and work was restarted. On August 29, 1907, the bridge collapsed, killing 75 workers. The bridge was completed in 1919 following a second fatal collapse in 1916. It is still in use today. In 1926, determined that such a tragedy would never occur again, Canadian engineers sought the help of renowned author Rudyard Kipling to develop a ceremony that instills into young engineers the awesome responsibility they have for the health and safety of the general public. During the ceremony, known in Canada as the "Ritual of the Calling of an Engineer," the inductees accept an Obligation, a creed that sets forth an ethical code that is similar to the oath attributed to Hippocrates (460-377 B.C.) pledged by medical graduates. They are also given an iron ring, originally made out of the debris of the fallen Québec Bridge. The ring is worn on the little finger of the working hand as a symbol of the engineer and a reminder of their responsibility to the public.

The Ceremony in the United States – the Order of the Engineer

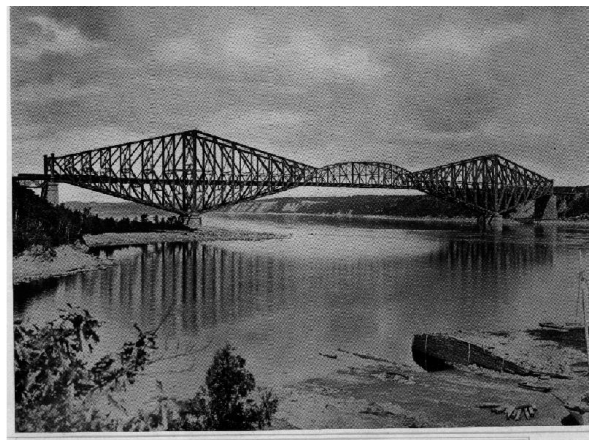
Due to copyright and other conflicting factors, the Canadian Ritual could not be duplicated in the United States, so two U.S. engineers were invited to Canada in the 1960's to participate in the Calling Ritual. They then formed the "Order of the Engineer" with the same basic premise as the Ritual of the Calling of an Engineer.

The Order of the Engineer was initiated in the United States to foster a spirit of pride, individual integrity and responsibility in the engineering profession, to bridge the gap between training and practice, and to present to the public a visible symbol identifying the engineer. During the Ceremony, engineers are invited to accept the Obligation of the Engineer and to wear a stainless steel ring. The Order is not a membership organization; there are never any meetings to attend or dues to pay. Instead, the Order fosters a unity of purpose and the honoring of one's lifelong pledge to uphold the public safety.

Engineer's Week is designated as the third week of February.

We believe that there is no better way to celebrate the great profession of engineering than to participate in the ceremony on February 24, 2018 at 5:00 p.m. just prior to the E-week awards banquet.

If you'd like to join us please complete the application form on the first page of this announcement and return as indicated. We look forward to seeing you there!



**The Québec Bridge – completed 1919
Still in use today**