Iron Ring Obligation Ceremony 2014

Participation in the Obligation Ceremony is entirely voluntary however to participate you must be eligible to graduate this spring. No Exceptions.

1. Sign-up is on-line. The link can be found at www.alumni.utoronto.ca/IronRing2014. The link will be available from Wednesday, January 15th at 6 p.m. until Monday, February 10th at 9 a.m.
   - You will need to know your ring size before going online to sign up. Please find your Department Club Chair who will have a ring sizer or go to the Engineering Society Office in SF. You can only exchange your size after the Iron Ring ceremony. You can’t change your ring size after you register.
   - Your name will be checked against the “Eligible to Graduate” List from the Registrar’s Office and you will be contacted if you are not eligible to participate.

2. Camp 1 Wardens will present you with your ring unless you want to invite a presenter.
   a. Invited Presenters – you can invite someone who has gone through the ceremony themselves (ie: an obligated engineer) who has been practicing for at least 4 years to present you with your ring. This can’t be a professor unless the professor is a family member. The presenter must be wearing his/her iron ring.
      i. The Invited Presenter application form is downloadable from the Iron Ring registration website. The completed form has to be handed in at the Engineering Office of Advancement (Room 116, Galbraith Building) by Monday, February 10th 2014.
      ii. Each student may invite only one ring presenter. If you want more than one (e.g. parent and grandparent) then you will have to contact Megan Murphy directly.
      iii. You will be contacted by February 24th if your Invited Presenter application has been approved.

3. Invited Guests - you can invite someone who has gone through the ceremony to watch from the second floor of Convocation Hall. This guest does not have to be practicing for 4 years but must have and be wearing their Iron Ring.
   a. The Invited Guest application form can be obtained from Engineering Office of Advancement (Room 116, Galbraith Building). Please submit the forms to Megan Murphy at the same office.
   b. You will be contacted by February 24th if your Invited Guest application has been approved.

4. Individual Ceremony Invites/Admit Cards must be picked-up from your home Department Undergraduate Office. You will be receiving an email from your Undergraduate Counsellor in February advising you of the date(s) for pick-up (sometime between the middle to end of February). Bring photo I.D. with you. Friends cannot pick up your Invite for you.

   ****NO INVITE = NO ADMITTANCE TO CEREMONY****
   **** NO CEREMONY = NO RING****
   You must attend the Obligation Ceremony to get a ring.
   Please wear business attire. Cameras and coats are not permitted.
   A coat room will be available the day of the ceremonies.
   You will be asked to arrive 30 minutes early for your ceremony. If you are late, you will NOT be allowed into the ceremony as per Camp 1 Warden rules.

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<th>Iron Ring Schedule March 1 2014</th>
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Administrative Support: Megan Murphy
Engineering Advancement Office – GB 116
ironring@ecf.utoronto.ca 416-978-4941

Primary Univ. of Toronto Contact: Professor Greg Evans
Chemical Engineering
Warden, Camp 1
History of the Ritual of the Calling of an Engineer

The Ritual of the Calling of an Engineer has a history dating back to 1922, when seven past-presidents of the Engineering Institute of Canada attended a meeting in Montreal. One of the speakers was civil engineer Professor Haultain of the University of Toronto. He felt that an organization was needed to bind all members of the engineering profession in Canada more closely together. He also felt that an obligation or statement of ethics to which a young graduate in engineering could subscribe should be developed. The seven past-presidents of the Engineering Institute were very receptive to this idea.

Haultain wrote to his friend Rudyard Kipling, who had made reference to the work of engineers in some of his poems and stories. He asked Kipling for his assistance in developing a suitably dignified ceremony. Kipling was very enthusiastic in his response and shortly produced both an obligation and a ceremony format entitled, “The Ritual of the Calling of an Engineer”. One of his pertinent poems, the “Hymn of Breaking Strain” is documented below.

The object of the Ritual can be stated as follows: “The Ritual of the Calling of an Engineer has been instituted with the simple end of directing the newly qualified engineer toward a consciousness of the profession and its social significance, and indicating to the more experienced engineer the responsibilities in receiving, welcoming, and supporting the newer engineers when they are ready to enter the profession”.

The Ritual is administered by a body called the Corporation of the Seven Wardens. The seven past-presidents of the Engineering Institute in 1922 were the original seven Wardens. The Corporation is responsible for administering and maintaining the Ritual, and in order to do so creates localized organizations, referred to as Camps, in Canada. Currently, there are 24 camps located in cities across Canada. The Ritual is not connected with any university or any engineering organization; the Corporation is an entirely independent body. The Ritual has been copyrighted in Canada and in the United States.

The Iron Ring has been copyrighted by the Corporation and may be worn on the little finger of the working hand by any engineer who has been obligated at an authorized ceremony of the Ritual of the Calling of an Engineer. The ring is not a symbol of qualification as an engineer – this is determined by the provincial and territorial licensing bodies. Rather, the ring symbolizes the pride which engineers have in their profession, while simultaneously reminding them of their humility. **The ring serves as a reminder to the engineer and others of the engineer’s obligation to live by a high standard of professional conduct.**

**Hymn of Breaking Strain**

*The careful text-books measure*    (Let all who build beware!)  *The load, the shock, the pressure*   Material can bear  *So, when the faulty girder*

*Lets down the grinding span,*    *The blame of loss, or murder,*   *Is laid upon the man.*   *Not on the Staff – the Man!*

*But, in our daily dealing*    *With stone and steel, we find*   *The Gods have no such feeling*   *Of justice toward mankind*   *To no set gauge they make us –*

*For no laid course prepare*    *And presently o’ertake us*   *With loads we cannot bear.*   *Too merciless to bear!*

*The prudent text-books give it.*    *In tables at the end*   *The stress that shears a rivet*   *Or makes a tie-bar bend –*

*What traffic wrecks macadam*    *What concrete should endure*   *But we, poor Sons of Adam,*   *Have no such literature.*   *To warn us or make sure!*

*We hold all earth to plunder*    *All Time and Space as well*   *Too wonder-stale to wonder*   *At each new miracle;*

*Till, in the mid-illusion*    *Of Godhead ’neath our hand,*   *Falls multiplied confusion*   *On all we did and planned*   *The mighty works we planned.*

*We only, of Creation*    *(Ah luckier bridge and rail!)*   *Abide the twin-damnation –*   *To fail and know we fail.*   *Yet we – by which sole token*

*We know we once were Gods*    *Take shame in being broken*   *However great the odds*   *The burden of the odds.*

*Oh veiled and secret Power*    *Whose paths we search in vain,*   *Be with us in our hour*   *Of overthrow and pain;*

*That we - by which sure token*    *We know Thy ways are true*   *In spite of Being broken*   *Because of being broken -*

*May rise and build anew*    *Stand up and build anew*

Rudyard Kipling