



We aim to UNEARTH South Africa's Future Engineers...

JOB SHADOW INITIATIVE

The goal of the CESA YPF Job Shadowing Initiative is to expose and entice School Learners to the Engineering field, but more so to Consulting Engineering. By giving them an experience like no other: learners get a chance to imagine, live, work and play Engineering – opening their minds to a world of possibilities.

"Today I learned everything that I wished to know. I got the experience of how the engineering world is. I think the world of engineering needs me. I am going for it"
– Manelisi Ngxumza

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SCHOOL TALK

This year's CESA Job Shadowing Initiative is being expanded to include **School Talks** by Young Professionals (YPs) from member firms which are not participating in the main Job Shadowing (which include office and site visits).

The School Talks is necessitated by the fact that majority of learners continue to struggle with Mathematics during the transitions – from grade 3 to 4, grade 7 to 8, and end up not choosing Maths in Grade 10 (those who choose maths only one in five of them in matric achieve a pass of more than 50 percent in their Maths and Science exams). An 'engineering intervention' is necessary to stop and reverse the 'Mathematics meltdown' at schools by conducting motivational talks during the Job Shadowing Months. South African Engineering will not survive if the standard of mathematics at schools does not improve.

As for the School Talk, Young Professionals/Member Firms are requested to submit a one A4 page report on the school talk and/or copy of their presentation to learners. The purpose of the submission is to record the effort by industry and to share the experience with others.

For more information visit www.cesa.co.za
or email: godfrey@cesa.co.za or call **011 463 2022**

CLICK HERE
to download
the School
Talk entry
form now

HOW TO ENTER?

1. Fill in the relevant entry form (Job Shadow or School Talk or both) and send them to the CESA offices no later than **Friday, 13 June 2014**. This will show your commitment to participate in the competition
2. Firms are welcome to send a single entry by firm or multiple entries by offices
3. Member firms are encouraged to choose a school(s) from their local community
4. Invite pupils from the chosen school(s) to spend any day with your firm during the Job Shadowing period – **1 June until 31 July 2014**
5. The idea is to create **"A day in the life of a Consulting Engineer"** experience for the scholars/learners with the morning(s) at the office and the afternoon(s) on site
6. Then create a maximum of A2 high resolution printable poster(s) (hard copy preferable) telling the story of the day with pictures (showing scholars actively participating)
7. Write up a summary (approx. 1 x A4 page per office, max. 5 x A4 pages per firm) explaining the activities of the day
8. All poster entries must be sent to Godfrey Ramalisa (godfrey@cesa.co.za) no later than **Wednesday, 6 August 2014**
9. **BENEFITS:** Winners will be announced at the CESA Aon Engineering Excellence Awards on **Tuesday, 12 August 2014** at the Vodadome, Vodaworld, Midrand.
2. **Firm's commitment to the Initiative** (involvement of YPs and Senior Management; number of offices involved; number of learners exposed and continued engagement with learners/same schools)
3. **Quality and branding of submission – Poster and write-up**

NB: For easy use pictures/poster and adjudication, submission should be made as follows:

- Electronic posters must be sent in PDF format 300 dpi resolution and must be over 1MB in size
- The brief or write up summary must be no more than five A4 pages or one A4 page per office.

Members are encouraged to invite their YPs who were involved with the Job Shadowing to the CESA Aon Engineering Excellence Awards.

PRIZES

There will also be a number of **Job Shadow Poster prizes**. Consulting Engineers South Africa (CESA) will be awarding the following prizes to the winning firms:

OVERALL WINNER:

- 2 seats (for YP's only) at the CESA 2014 Conference and Exhibition (9 – 11 November 2014, in Entabeni Safari Conservancy, Waterberg Region, Limpopo).
- 2 free admissions to the 'Road to Registration for Candidates' course at the School of Consulting Engineering.

TWO RUNNERS UP:

- 1 seat per runner up (for YP's only) at the CESA 2014 Conference and Exhibition (9 – 11 November 2014, in Entabeni Safari Conservancy, Waterberg Region, Limpopo).
- 1 free admission per runner up to the 'Road to Registration for Candidates' course run by the School of Consulting Engineering.

CRITERIA

The winners will be based on the following selection criteria:

1. **Effectiveness of the Job Shadowing and/or School Talk in response to the THEME** – *A day in the life of a Consulting Engineer* (relevance, appropriateness, effectiveness and innovation of office and site visits)

