

*FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT
Department of Building Sciences
Competition Day 4 August 2017*

1. Assignment

A typical architectural site plan of a project will be handed out to the learners to evaluate the proposed building/s on the site. The learners will have to envision themselves as qualified Construction Managers and do a proper site establishment by doing planning and a proper site layout of site operations as if the learner's company was awarded the tender and construction works should follow very shortly. The learners will also be handed out information as to what needs to happen on the site with site establishment. The learners will then have to take the architectural site plan and use the information given to them to design a site layout with the necessary services, equipment, plant and stores for optimum functionality on site.

2. Material

Requirements (by yourself): numerical calculators, scales, pens, glue and paper.

3. Objective

To determine and report on the most suitable management plan towards site establishment after the tender has been awarded.

4. Learning objective

To evaluate and determine the best planning strategy whilst construction is carried out with regards to services, equipment, plant and stores for optimum functionality on site.

5. Procedure

Introduction to construction management, buildings, design, costs, etc. to be able to understand why all these details are so important.

The group may not exceed three learners per school and only one group per school is allowed.

Maximum of 20 schools.

6. Duration

One hour 30 minutes



7. Disqualification

If any of the above rules are not followed, the learners or school will be disqualified.

8. Assessment

The report and site layout, which is the closest to the department's report and layout, will win.

9. Contact

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Chris Meyer: 012 382 3524

The detailed information you need will be handed to you on arrival.