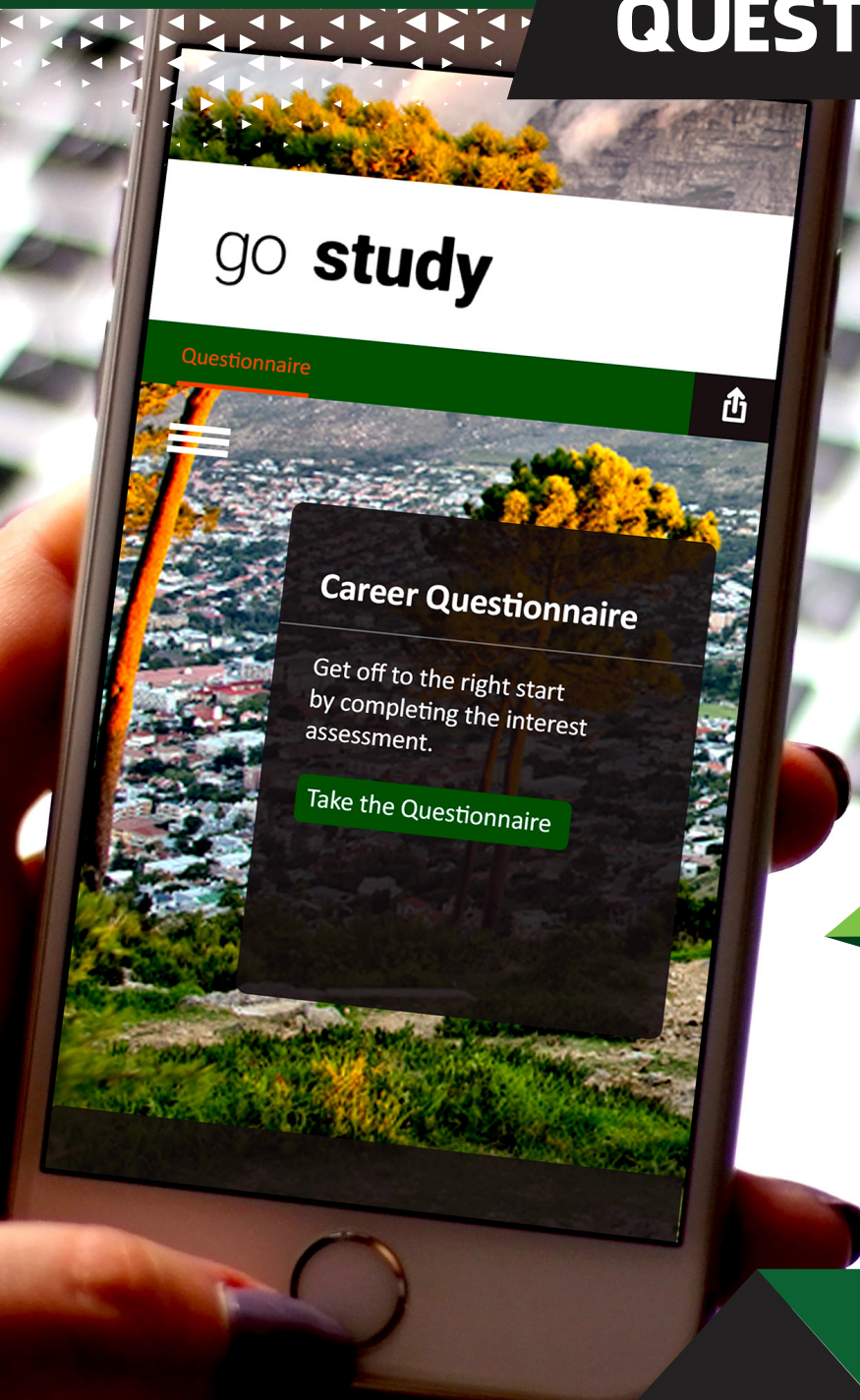


QUESTIONNAIRE



FIND OUT ABOUT

- Suitable career fields
- Occupations
- Study institutions
- Learning programmes
- Bursaries

DO THE PACE QUESTIONNAIRE

WWW.GOSTUDY.NET/LABOUR

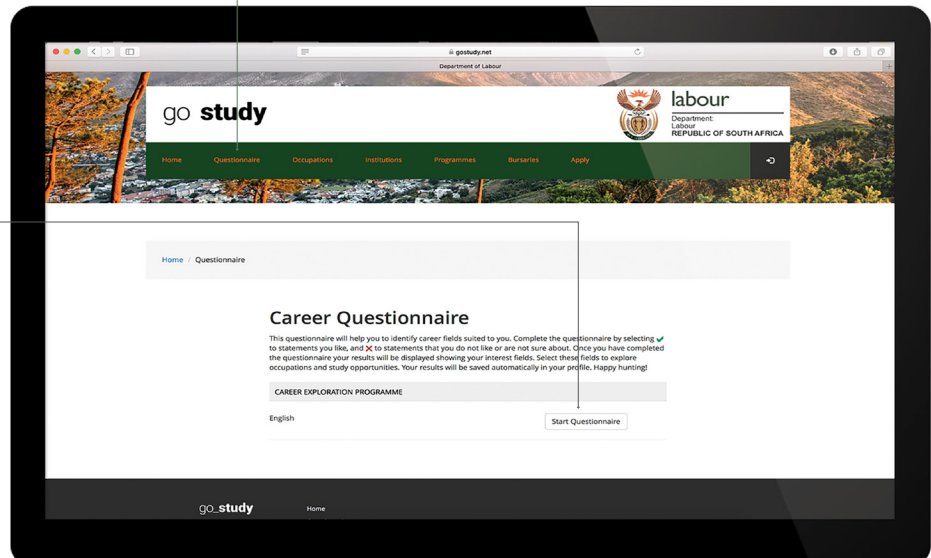


labour

Department:
Labour
REPUBLIC OF SOUTH AFRICA

1

STEP 1: Click on QUESTIONNAIRE

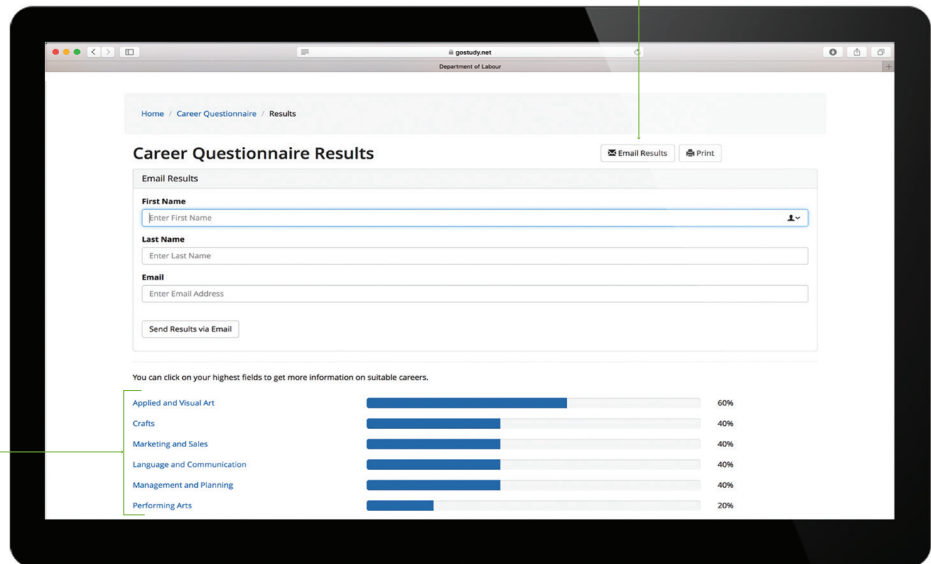


2

STEP 2: Complete QUESTIONNAIRE

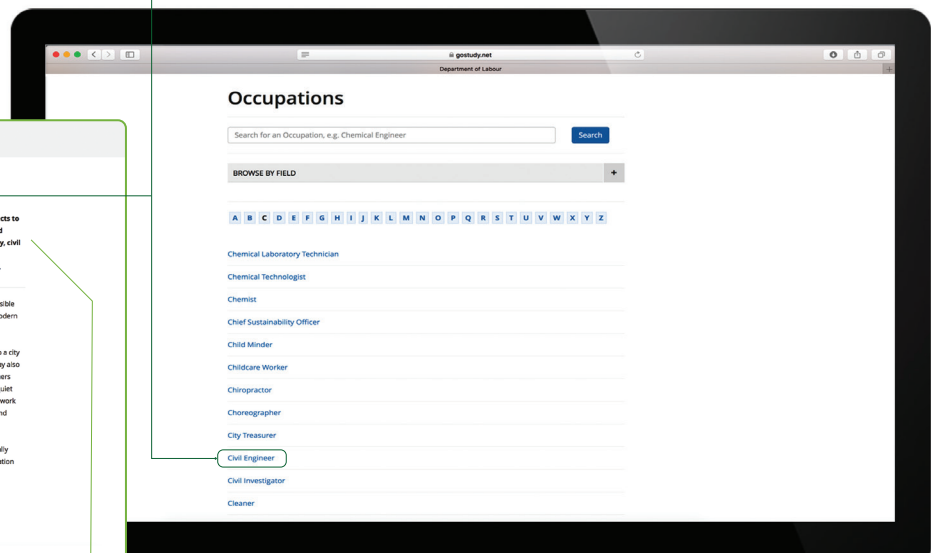
3

STEP 3: Identify your 3 highest FIELDS and email the results to your email address



4

STEP 4: Click on CAREERS that you would like to get more information on



Home / Occupations / Civil Engineer

Civil Engineer

Civil engineers are responsible for the planning, designing, maintenance and management of projects to do with the construction of roads, buildings, airports, tunnels, dams, bridges, and water supply and sewage systems. Civil engineering may be the oldest of the all the engineering disciplines and today, civil engineering encompasses a range of specialized fields which include structural design, marine, environmental, construction, hydraulic engineering, transportation, and geotechnical engineering.

They study, explore, implement and maintain the modern environment of road access, reservoirs of accessible and hygienic water, as well as other facilities. Many technological conveniences, so taken for granted in modern society, are maintained, implemented and designed by those trained in civil engineering.

Many civil engineers hold supervisory or administrative positions, from supervisor of a construction site to a city engineer. They may supervise the work of surveyors, draftsmen, technicians and other workers and may also carry out research, lecture or serve as consultants for engineering, construction or architectural firms. Others may work in design, construction, research and teaching. The work environment, therefore, ranges from quiet modern offices to remote areas in rugged terrain. They may have to travel or move from place to place to work on different projects. The actual work setting depends on the speciality chosen and on the size, location and financial resource of the employer.

Engineering graduates usually begin work under the supervision of experienced engineers and are gradually given more responsibilities as they gain experience. Some engineers with experience and additional education move into administration or management. Many high-level executives in industry began their careers in engineering.

Civil Engineering Technicians and Technologists

For civil engineering technicians and technologists, see Engineering Technicians and Technologists.

Programmes by Study Institutions

- Nelson Mandela Metropolitan University
- University of Cape Town
- University of Johannesburg
- University of Pretoria
- University of Stellenbosch
- University of the Witwatersrand

Bursaries

5

STEP 5: Read through the careers and related Study Institutions and programmes