



THEORY OF SAMPLING ONLINE COURSE

- GASA is hosting the Theory of Sampling Course presented by world-renowned **Dr Kim H. Esbensen**.
- Dr Kim H. Esbensen is an internationally recognised expert and consultant in sampling, chemometrics and PAT (Process Analytical Technology). Kim is a recipient of the Pierre Gy Sampling Gold Medal (2013) awarded for “excellence in teaching and application of the Theory of Sampling”. In 2003 he inaugurated the biannual series of World Conferences on Sampling and Blending (WCSB), now in its 8.th edition. For more about Dr Esbensen visit <https://kheconsult.com/about/>
- Four day course: 2 - 5 November 2021
- Cost: R8,500/attendee, includes a copy of "Introduction to the Theory and Practice of Sampling" book by Dr Esbensen.
- This course provides a comprehensive introduction to the Theory and Practice of Sampling (TOS) for stationary as well as dynamic lots (process sampling). TOS is presented as a framework set of six Governing Principles (GP) and four Sampling Unit Operations (SUO) with which to secure representative samples and analytical results in all of science, industry, society, business and for regulatory oversight.
- **The goal is to enable all attendees to design, implement and use representative and appropriate procedures and equipment in sampling.**



THEORY OF SAMPLING ONLINE COURSE

The course is aimed at:

All personnel involved with sampling: scientists, process engineers, process operators, process technicians, quality officers and management responsible for splitting, sub-sampling and sample preparation in the laboratory or field.

The course outlines the critical connections to process engineering, process technology, Process Analytical Technologies (PAT) – and to multivariate data analysis (chemometrics). It is also important that management, economists, controllers and the legal department have a modicum of TOS-competence since management has to make critical decisions about process status, product specification, laboratory sample adequacy and many other attributes based on valid and reliable analytical results.

The course is relevant to the sampling of food, feed, rocks, mineralisation, ores, concentrates, alloys, environmental samples, mixtures and aggregates, interim and final process and manufacturing products.

Follow link to register <https://forms.gle/JuG4zgspfVFtdkwp8>