

## **ENVIRONMENTAL QUALITY AND PROCESSES PRACTICAL**

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This is a follow-up course for CE undergraduate students who have previously taken Environmental Quality and Processes Theory course. This course provides students practical training on pollution monitoring techniques so as to prepare a graduating engineer with the skills needed to effectively intervene in the safeguarding of the environment, in whatever role they ultimately play in the society. The course equips the students with skills to perform water and wastewater quality analysis and also introduces them to air pollution monitoring equipment like ambient air quality samplers and stack monitoring kit. The course also includes demonstration of advanced analytical instruments like gas and liquid chromatography, organic carbon analyzers, measurement of metals and other advanced instruments in the Environmental Engineering laboratory.