



CTeSP | Curso Técnico Superior Profissional Controlo da Qualidade e Análises Laboratoriais

Direction

Hernâni Veloso Neto

Number of Semesters

4

ECTS

120

Access Conditions

Candidates must have passed one of the following Relevant Areas:

- Mathematics
- Physics and Chemistry
- Portuguese

About

The Higher Professional Technician course in Quality Control and Laboratory Analysis provides a study plan for the certification of students with a level five academic academic qualification. It is a higher education course of a professional technical nature that provides a detailed framework of studies in the fields of quality control and physicochemical and biochemical analysis of the quality of products and substances used in production processes. production processes. These are strategic areas in today's contexts, on which the success of the success of companies and the satisfaction of legal and customer requirements. Skills in the fields of quality and quality laboratory analysis are essential for good control of production processes and compliance with control of production processes and the achievement of organizational objectives. In addition, the course also provides the possibility of further study at the level of degree, within the scope of specific competitions and with an equivalence plan, when the enrollment in an ISLA Gaia degree program.

Course Plan

Course Structure1º Ano / General pathCritical Thinking 3 ECTS | Information Technology Applied to Quality Control 6 ECTS | Introduction to Physical-Chemical Processes 6 ECTS | Mathematics 6 ECTS | Oral and Written Expression Techniques 3 ECTS | Quality Fundamentals 6 ECTS | Introduction to Biochemical Processes 3 ECTS | Occupational Health and Safety in Laboratories 6 ECTS | Physical and chemical laboratory analyses 6 ECTS | Statistical methods: Statistical quality control 6 ECTS | Technical English 3 ECTS | Tools for Quality Control 6 ECTS | 2º Ano / General pathBiochemical Laboratory Analyses 6 ECTS | Management Systems and Quality Control 6 ECTS | Metrology, Calibration and Laboratory Accreditation 6 ECTS | Microbiological Laboratory Analyses 6 ECTS | Quality and Food Safety 6 ECTS | Traineeship 30 ECTS |