

COURSE ID SHEET



Course No. **5227**

NTUA

Semester: **4** Core Elective **X** Specialization

Title: **ELEMENTS OF LAW AND TECHNICAL LEGISLATION**

Aim:

The lesson has a dual purpose. Firstly, it seeks to provide basic general knowledge about the concept of law and its rules, the basic legal concepts and their interpretation, the mode of operation and administration of justice, and the concept of forensic reasoning. Secondly, it helps engineers to practice their profession and communicate with other scientists involved in technical legislation.

After a successful completion of the course the student will be able to:

- Have understood the basic legal concepts and the main legal relationships created and included in the legal branches: Public Law - Private Law, Civil Law, Commercial Law, Commercial Law, Labor Law with an emphasis on the health and safety of workers from work accidents.
- Take into account the moral problems and legal commitments faced by scientists in the construction and operation of technical projects.
- Analyze the legal provisions and uses them to solve various planning and decision-making problems.
- Collaborate with scientific teams dealing with technical legislation issues.

Content:

A general approach to the law is attempted, explaining the basic legal concepts and the main legal relationships that are created and included in the following branches of law:

- Public Law (Constitutional Law, Administrative Law).
- EU Law (Nature of European Law, Bodies, Acts, Community Freedoms).
- Private Law.
- Civil Law (General Principles, Law of obligations, Legislation for rights in rem).
- Commercial Law (Commercial Law, Company Law, Securities Law and Industrial Property Law).
- Labor Law (Accidents at Work / Engineer's Responsibility).

Special Topics:

- Environmental Policy (National and Community).
- Competition.
- Signaling of products with the C.E.
- Hygiene and safety of workers in industry and technical works.

Hours per semester:	LECTURE	26	EXERCISES	-	LABORATORY	-	HOME-WORK	34	TOTAL HOURS: 60
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Student performance evaluation:

Assessment Language: Greek (for Erasmus students: English).
 Written final exam (100%) including:

- Multiple choice questions (40%).

- Practice (60%) (legal issues, competitions and contracts, problem solving, environmental impact, protection of the natural and cultural environment).