

**Objective:** To raise the level of knowledge and skills in the field of different materials drying

**Key Competences:** Trainees will gain knowledge on drying theory, basic principles and modes of drying, and convectional drying optimization. Trainees will gain skills and competences in practical determination of drying parameters.

**Terms of enrolment:** Secondary school

**Target Group:** Persons involved in drying processes in food, chemical and pharmaceutical industry, agriculture, construction industry or private business

**Outcomes:** Differentiation of heat and mass transfer mechanisms in drying processes, heat and energy balances, selection of optimal drying parameters

**Indicative Content:**

- Introduction
- Drying basics
- Kinetics of convectional drying
- Calculation of drying kinetics
- Convectional drying optimization
- Practical work

**Duration:** 24 hours (theoretical and practical work, evaluation)

**Language:** Croatian

**Keywords:** Drying

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