

Study Programme: Energy And Process Engineering			
Course Unit Title: Drying Technique			
Course Unit Code: M34I71			
Name of Lecturer(s): Đaković Damir			
Type and Level of Studies: bachelors			
Course Status (compulsory/elective): elective			
Semester (winter/ summer): summer			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 5			
Prerequisites: none			
Course Aims: Introduction to fundamental concepts and methods of solving problems in the field of drying and its application to specific products and materials.			
Learning Outcomes: Knowledge acquisition on drying processes' and the dryers' analysis methods, as well as on the possibilities for application of drying processes in various industrial fields.			
Syllabus. Determination and interpretation of drying process (determination and classification of moisture, different types of drying, necessary foundation for drying and the dryers). Drying statics equations. Drying kinetics. Methods of drying time calculations.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours: 2		Lectures: 2	
Practical work: 2			
Teaching Methods: Lectures, calculation and auditory practical classes, consultations, colloquiums, homeworks, seminar. The final grade is formed on the basis of achievements in practical classes, seminar paper, homeworks and exam.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

