SUBJECT:	**Industrial process engineering**		
HOURS:	**15/15**	ECTS:	**3**
semester	**winter**	Academic year	**1**

Name/title of the author:	Dr inż. Tomasz Nitkiewicz, mgr inż. Artur Jachimowski
Course Description:	Industrial processes engineering is a curse to present basic industrial processes and conditions and parameters of its use as well as technical infrastructure to run them
Learning Outcomes (Goals and Objectives of the course):	Delivering knowledge on basic manufacturing processes, parameters of their use and their outcomes; forming competences in identifying processes and technical infrastructure
Entrance qualifications:	Fundamentals of chemistry and physics;
Course Content:	Process approach in technology; processes in production systems; classification of manufacturing processes; design and modelling of industrial processes; fundamentals of process automation, regulation and steering; mechanical processes; hydrodynamic processes; heat transfer processes; diffusion processes
Assessment policy (examination):	Written exam; written tests; individual presentations
Course materials/bibliography:	Adamczyk, W., Industrial processes engineering, Wyd. AE w Krakowie, 2002 Lewicki P.: Inżynieria i aparatura przemysłu spożywczego, WNT, 2006
Methods of Instruction:	Lecture and presentation; group work; discussion; case studies
Notes / suggestions:	