UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT			
ACADEMIC YEAR			
ANNO ACCADEMICO EROGAZIONE			
SUBJECT			
CODE			
SCIENTIFIC SECTOR(S)			
HEAD PROFESSOR(S)	MORELLO GIUSEPPE	Ricercatore	Univ. di PALERMO
OTHER PROFESSOR(S)	IOVINO MASSIMO MORELLO GIUSEPPE	Professore Ordinario Ricercatore	Univ. di PALERMO Univ. di PALERMO
CREDITS			
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR			
TERM (SEMESTER)			
ATTENDANCE			
EVALUATION			
TEACHER OFFICE HOURS	**IOVINO MASSIMO** Thursday 09:00 13:00 Dipartimento di Scienze Agrarie, Alimentari e Forestali, Viale delle Scienze ed. 4, ingr. E, stanza n. 128 **MORELLO GIUSEPPE** Tuesday 10:00 12:00 Studio n.138 - edificio 4		

DOCENTE: Prof. GIUSEPPE MORELLO

PREREQUISITES	Basics of Agricultural Hydraulics (hydrostatics and hydrodynamics) and Agricultural mechanics.
LEARNING OUTCOMES	Knowledge and understanding Knowledge of principles of machineries for livestock farm. Knowledge of principles of wastewater treatment. Students will be able to use terminology specific of Agricultural Engineering. Applying knowledge and understanding Students will be able to solve practical problems involving choice of machineries and wastewater treatment in livestock farming. Making judgements Students will be able to choose among different solutions for livestock farm mechanization and for wastewater treatment and reuse. Communication Students will be able to work as part of a team and to present the results in a professional way to other experts in the field of Agricultural Engineering. Lifelong learning skills Students will be able to attend specialist courses in the field of Agricultural Engineering, to keep up-to-date by examining the scientific literature of the specific sector and attending post-graduate courses.
ASSESSMENT METHODS	Final exam consists of an oral discussion on the subjects studied during the course with specific consideration of the practical exercises. A minimum of three questions will be posed to assess student's ability and autonomy in solving practical cases. Grades range from 18 to 30. Minimum mark (18) is reached when student shows a general knowledge and understanding of course subjects and ability to face very simple practical cases. Below this threshold the exam is not passed. The more the student will show knowledge and understanding of the subjects and autonomy in applying them to practical cases related to professional contest, the higher the mark will be.
TEACHING METHODS	The course includes frontal lessons, practical exercises and guided tours.