


	PROCESO PARA EL DESARROLLO DE LAS ENSEÑANZAS DE LA ESCUELA DE INGENIERÍAS AGRARIAS		 Escuela de Ingenierías Agrarias
		CÓDIGO: P/CL009_D002	

## SUBJECT PROGRAMME IN DRAWING AND REPRESENTATION SYSTEMS

**Academic course: 2019-2020**

Identification and characteristics of the subject				
Code	501117			Créditos ECTS   6
Denomination (Spanish)	<b>Dibujo y Sistemas de Representación</b>			
Denomination (English)	Drawing and Representation Systems			
Degree	Food Science and Technology Degree			
Center	Agricultural Engineering School			
Semester	Second (2º)	Character	Compulsory (Obligatorio)	
Module	Basic formation			
Subject-matter	Graphic Expression			
Language	Spanish Language			
Professor/s				
Name	Room	e-mail	Web link	
<b>Manuel de la Cruz Rodríguez Gordillo</b>	D-608	mdlcruz@unex.es		
Field of knowledge	Graphic Expression in Engineering			
Department	Graphic Expression			
Coordinator (in case there is more than one professor)	<b>Manuel de la Cruz Rodríguez Gordillo</b>			
Lessons and contents				
Syllabus				
<p><b>Lesson 1.- Introduction to drawing in engineering. Standardization.</b></p> <p><b>Lesson 2.- Geometric places vs axiomatic.</b></p> <p><b>Lesson 3.- Polygons.</b></p> <p><b>Lesson 4.- Curves.</b></p> <p><b>Lesson 5.- Geometric transformations.</b></p>				

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- Lesson 6.- Equivalences of geometric figures.
- Lesson 7.- Tangencies and links geometric.
- Lesson 8.- 3D Geometry.
- Lesson 9.- Axonometric perspective drawing.
- Lesson 10.- Topographica plans.
- Lesson 11.- Orthogonal projection (Dihedral).

### Practical Syllabus

- Practical lesson #1: **Technical drawing (2D Geometry).**
- Practical lesson #2: **Axonometrie.**
- Practical lesson #3: **Topographica plans.**
- Practical lesson #4: **Dihedral**
- Practical lesson #5: **CAD I.**
- Practical lesson #6: **CAD II.**