



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

COURSE GUIDE

**Teaching innovation and initiation to educational research of
sanitary Processes**

**Master of Secondary Education Training,
Professional Training and Teaching of Languages**

**Facultad de Psicología, Magisterio y Ciencias de La
Educación**

Universidad Católica de Valencia San Vicente Mártir

Course 2023-2024



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

COURSE GUIDE

		ECTS
SUBJECT: Teaching innovation and initiation to educational research of sanitary Processes		6
FIELD: Complements disciplinary training		12
MODULE: SPECÍFIC		24
TEACHERS: Dra. Yolanda Madrero Tarancón Dña. Rosa Maria Maset Roig	Department: Matemáticas, Ciencias naturales y ciencias sociales aplicadas a la educación	
	E-mail: yolanda.madrero@ucv.es rosamaria.maset@ucv.es	

MODULE ORGANISATION

				Nº ECTS 24
FIELDS AND SUBJECTS				
Materia	ECTS	ASIGNATURA	ECTS	Semestre
Complements for the formation to Sanitary processes	6	The Curriculum of Sanitary processes in Secondary education, Vocational training and High school	6	1
Learning and teaching of Sanitary processes	12	Didactics of Sanitary processes in Secondary education, Vocational training and High school	6	1
		Didactic resources for the teaching of Sanitary processes in Secondary education, Vocational training and High school	6	2



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

Teaching Innovation and Introduction to Educational Research in Sanitary processes	6	Teaching Innovation and Introduction to Educational Research in Sanitary processes	6	2

COURSE GUIDE: The Currículum of Sanitary Processes

Prerequisites: none

GENERAL GOALS

1. Know how to transform educational proposals into activities and work programs, acquiring criteria for the selection and preparation of educational materials.
2. Know and apply methodologies and basic techniques of educational research and evaluation and be able to design and develop research, innovation and evaluation projects.
3. Know how to relate theory to practice to improve the latter while participating in the construction of knowledge of the teaching profession.
4. Know how to communicate proposals and research to specialized audiences, explaining and arguing information and knowledge.
5. Know how to identify situations related to teaching and learning in professional training, to be able to propose investigations that involve alternatives and solutions.
6. Know how to search, obtain and process information and transform it into knowledge in teacher self-training processes.
7. Know and know how to implement and apply to the classroom innovative teaching proposals, dynamics of improvement and quality search in the teaching of vocational training.



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

CROSS-SECTIONAL COMPETENCES	Competence measuring scale			
	1	2	3	4
G1 Competence in the application of acquired knowledge and problem solving abilities, encountered in new or unfamiliar environments; and, initiated within broader contexts or multidisciplinary scopes relative to one's field of study.			X	
G2 Capability to integrate knowledge and determine complex judgment calls based on information which incorporates, but is not limited to, reflections on social and ethical responsibilities associated with pertinent knowledge and judgments			X	
G3 Knowing how to effectively communicate conclusions (sustaining relative rationale or arguments) to specialized and unspecialized audiences, in a clear and unambiguous manner.			X	
G4 Having learning skills that enable them to continue studying in a self-directed or autonomous manner within the majority of circumstances		X		
G6 To plan, develop and evaluate the teaching and learning process enhancing educational activities to facilitate the acquisition of the different competences, taking into account the level and previous training of students to guide them, both individually and in collaboration with other teachers and school professionals.				X
G10 To acquire strategies to encourage student effort and enhance their capacity to learn by themselves and with others, and develop thinking skills and decision-making abilities to facilitate autonomy, confidence and personal initiative.		X		



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

COMPETENCIAS ESPECÍFICAS				
	1	2	3	4
CE13. Know the formative and cultural value of the subjects corresponding to the specialization and the contents that are studied in the respective teachings		X		
CE14 Know the history and recent developments of the subjects and their perspectives in order to transmit a dynamic vision of them		X		
CE15 Know contexts and situations in which the various curricular contents are used or applied				X
CE16 Know the theoretical-practical developments of teaching and learning the corresponding subjects				X
CE17 Transform curricula into activity and work programs		X		
CE18 Acquire criteria for the selection and preparation of educational materials.			X	
CE19 Encourage a climate that facilitates learning and values the contributions of students			X	
CE20 Integrate training in audiovisual and multimedia communication in the teaching-learning process		X		
CE21 Know strategies and evaluation techniques and understand evaluation as an instrument of regulation and encouragement to effort.			X	
CE22 Know and apply innovative teaching proposals in the field of specialization courses				X
CE24 Identify the problems related to the teaching and learning of the specialization subjects and propose alternatives and solutions.				X
CE 27 Know and apply basic methodologies and techniques of educational research and evaluation and be able to design and develop research, innovation and evaluation projects.			X	



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

LEARNING OUTCOMES	COMPETENCES
R1. Know the concept of quality to critically analyze teaching practices.	G1, G2, E18, E20
R2. Can explain the concepts of innovation and research in the educational field	G1, G2, G3, G4, E18, E20, E21, E27.
R3. Make a simple educational proposal including a certain degree of innovation, both in the approach and in the selected activities.	G1, G3, G10, E19, E21, E22, E27.
R4 Design a short research or educational innovation project including how to evaluate the result.	G1, G2, G3, G4, E18, E27.
R5 Obtains and uses relevant information on topics related to the educational field from different sources.	G4, E13, E14, E15, E16, E17, E19, E24.
R6 Knows how to relate theory and practice to build teaching knowledge.	G1, G2, G4, E18, E19, E20, E21, E27.
R7 Can communicate a brief didactic or research proposal in a formal situation.	G1, G3, G10, E19, E22, E27



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

ON-CAMPUS EDUCATIONAL ACTIVITIES			
ACTIVITY	Teaching-Learning Methodology	Relationship With Learning Outcomes for the subject	ECTS
ON CAMPUS-CLASS	Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge.	R1, R2, R3, R4, R5, R6	1,20
PRACTICAL CLASSES	Group work sessions supervised by the professor. Case studies, diagnostic tests, problems, field work, computer room, visits, data search, libraries, on-line, Internet, etc. Meaningful construction of knowledge through interaction and student activity.	R2, R5, R6, R7	1
WORK GROUP EXHIBITION	Application of multidisciplinary knowledge	R1, R3	0,06
OFFICE ASSISTANCE	Personalized and small group attention. Period of instruction and/or orientation carried out by a tutor to review and discuss materials and topics presented in classes, seminars, readings, papers, etc.	R1, R3	0,04
ASSESSMENT	Set of oral and/or written tests used in initial, formative or additive assessment of the student	R1, R2, R3, R4, R5	0,10



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

Total			2,4

INDEPENDENT WORK ACTIVITIES			
ACTIVITY	Teaching-Learning Methodology	Relationship of Course with Learning Outcomes	ECTS
GROUP WORK	Group preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform	R1, R2, R3, R4, R5, R6	1,44
INDEPENDENT WORK	Student study: Individual preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform	R1, R2, R3, R4, R5, R6, R7.	2,16
Total			3,6



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

ASSESSMENT SYSTEM ACQUISITION OF SKILLS AND QUALIFICATIONS SYSTEM		
Assesment tools	Assessed Learning Outcomes	Percentage awarded
Individual and/or group tasks	R1, R2, R3, R4, R5, R6, R7	80%
Attitude, attendance and participation	R1, R2, R3, R4, R5, R6, R7	20%
The mention of Distinction will be awarded to students who have achieved a score equal to or greater than 9.0. The number of Distinctions granted will not exceed 5% of students enrolled in a subject in the corresponding academic year unless enrollment is under 20, in which case only one Distinction may be granted. (RD 1125/2003)..		

DESCRIPTION OF CONTENTS	COMPETENCES
1. Educational research. TFM. Know and apply methodologies and basic techniques of educational research and evaluation and be able to design and develop research, innovation and evaluation projects. Defense of the TFM (presentation, formal oral, scientific writing ...)	G1, G2, G3, G4, E18, E19, E20, E21.
2. Reflection on the teaching practice. Identify the problems related to the teaching and learning of the specialization subjects and propose alternatives and solutions.	G4, E13, E14, E15, E16, E17, E19, E24
3. Educational innovation. Know and apply innovative teaching proposals in the field of specialization courses	G1, G3, G10, E19, E22, E27



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

4. Quality in education. Critically analyze the performance of teaching, good practices and guidance using quality indicators	G6, E16, E27
---	--------------

REFERENCES
<p>Basic bibliography</p> <ul style="list-style-type: none"> • Amat O y Rocafort A. (2017). Cómo investigar: TFG, tesis de master, tesis doctorales y proyectos de investigación. Barcelona: Ed. PROFIT. • Baelo M. (2018). Guía practica para redactar y exponer trabajos académicos: TFG, TFM y tesis doctoral. Ed. Tirant Humanidades. • Cordon-García J.A. (Coord.) (2012). Las nuevas fuentes de información. Información y búsqueda documentos en el contexto de la web 2.0. Madrid: Ed. Pirámide. • Da Cunha I. (2016). El trabajo de fin de grado y de Máster. Redacción, defensa y publicación. Ed. UDC. • García-Sanz M.P. (2012). Guía práctica para la realización de trabajos fin de grado y fin de Master. Murcia: Editum. • López-Yepes J. (2011). Manual ciencias de la información y documentación. Madrid: Ed. Pirámide. • Martos-Martínez A, Barragán-Martín A.B., Molero-Jurado M.M., Pérez-Fuentes M.C., Simón-Márquez M.M. y Gázquez-Linares J.J. (2021). Innovación docente e investigación en educación y ciencias sociales: Nuevos enfoques en la metodología docente. Madrid. Ed. Dykinson SL. • Pedrinaci (Coord.) (2012). El desarrollo de la competencia científica. 11 ideas clave. Barcelona: Graó. • Somoza M. (2015). Búsqueda y recuperación de información en bases de datos de bibliografía científica. Gijón: Ed. Trea SL <p>National Magazines</p>



Course Guide Teaching innovation and initiation to educational research of sanitary Processes

PI-02-F-16 ED.00

- Investigación en la Escuela (www.diadaeditora.com)
- <http://bibliotecacefirevalencia.blogspot.com.es/2017/05/novedades-hemeroteca-cuadernos-de.htm>
- <http://bibliotecacefirevalencia.blogspot.com.es/2017/04/novedades-hemeroteca-aula-de-innovacion.htm>
- http://bibliotecacefirevalencia.blogspot.com.es/2017/02/novedades-hemeroteca-making-of_27.html
- <http://bibliotecacefirevalencia.blogspot.com.es/2017/05/novedades-hemeroteca-perspectiva.htm>

Bibliography

Educational portals:

<http://todofp.es/inicio.html>

www.educaweb.com

www.educavia.com

www.profes.net

<http://recursostic.educacion.es>

<http://ntic.educacion.es/v5/web/profesores/asignaturas/>
Instituto de Tecnologías Educativas. Ministerio de Educación. Recursos educativos clasificados.

Innovation and research.

https://www.youtube.com/watch?v=gS7s_XdXnWE&t=83s 2021/11

<https://www.youtube.com/watch?v=CusOD9WdIlg&t=191s> 2017/01

<https://www.youtube.com/watch?v=JzbF0aCNXP4> CIPFP Ciudad del aprendiz/2020/06

<https://www.fpmislata.com/wordpress/videos/> CIPFP Mislata/2022

<https://www.youtube.com/watch?v=CJlut2vGlzU> CIPFP Misericordia/2017/05

<http://aptaf.es/> /2015



Course Guide Teaching innovation and initiation to educational research of sanitary Processes

PI-02-F-16 ED.00

www.elsevier.es/es-revista-farmacia-profesional-3/2022

<https://www.sefh.es/revista-farmacia-hospitalaria.php/2022>

www.imfarmacias.es/ /2022

<https://ceice.gva.es/va/web/innovacion-calidad>

Faculty participation in research .
proyecto europeo TeachUp ([TEACHer Upskilling Policy experimentation](#))

Training courses

<https://ceice.gva.es/es/> /2022

<https://www.investea.org/principal/> / 2022

Training stays .

<http://www.ceice.gva.es/va/web/formacion-profesorado/formacion>

<http://www.ceice.gva.es/va/web/formacion-profesorado/proyectos-de-formacion-en-centros>

<http://mestreacasa.gva.es/web/cefirepluriling/>

<http://www.sepie.es/formacion-profesional/seguimiento-KA1.html>

Self-paced learning experiences .

<http://spooc.educalab.es/>

Improving good educational practices .

<http://www.mejoratuescuelapublica.es/buenas-practicas/buenas-practicas-mep/convocatoria-concurso-de-buenas-practicas.html>

eTwinning

<http://etwinning.es/es/inscribete-ya-en-integra-etwinning-curso-tutorizado-2/>

Innovation and tutorial research .

Poster presentation.

<http://www.aula-salud-mojacar.com/>

<http://www.aetel.es/>



Course Guide Teaching innovation and initiation to educational research of sanitary Processes

PI-02-F-16 ED.00

Vocational training awards for students.

<https://ceice.gva.es/es/web/formacion-profesional/premios-extraordinarios-de-formacion-profesional>

Work placements for students.

http://www.gva.es/web/portal/inicio/atencion_ciudadano/buscadores/busc_empleo_publico/detalle_oposiciones?id_emp=65190

http://www.gva.es/web/portal/inicio/atencion_ciudadano/buscadores/busc_empleo_publico/detalle_oposiciones?id_emp=65189

http://www.gva.es/web/portal/inicio/atencion_ciudadano/buscadores/busc_empleo_publico/detalle_oposiciones?id_emp=65181

Awards for educational quality.

web del Ministerio de Educación, Cultura y Deporte

Competitions

<https://spain-skills.es/competiciones/estatal/spainskills-2022/documentacion-spainskills-2022#transporte>

To learn about innovative proposals

<https://www.recursosfp.com/>

Dual vocational training

www.ceice.gva.es/es/web/formacion-profesional/formacion-profesional-dual

Dual Vocational Training Observatory

<https://www.observatoriofp.com/>



Addendum to the Course Guide of the Subject Innovation and research in didactics of sanitary processes

**(University Master's degree in secondary, bachelor's degree,
professional training and language teaching)**

Due to the exceptional situation caused by the Royal Decree 463/2020, of March 14, by which the state of alarm was declared to manage the Health Crisis caused by the COVID-19, the following changes have been made to ensure that Students achieve their learning outcomes of the Subject.



1. Educational Activities of Onsite Work:

All the foreseen onsite activities described in this section of the Course Guide, as well as the group and personalized tutoring, will be done with the telematic tools easen by the University, through:



Microsoft Teams



Blackboard Collaborate Ultra



Kaltura



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

Explanation about the practical sessions:

2. System for Assessing the Acquisition of the competences and Assessment System

Regarding the Assessment Tools:

- ☒ The Assessment Tools will not be modified. If onsite assessment is not possible, it will be done online through the UCVnet Campus.
- ☐ The following changes will be made to adapt the subject's assessment to the online teaching.

Course guide		Adaptation	
Assessment tool	Allocated Percentage	Description of the suggested changes	Platform to be used

The other Assessment Tools will not be modified with regards to what is indicated in the Course Guide.



**Course Guide Teaching innovation and initiation
to educational research of sanitary Processes**

PI-02-F-16 ED.00

Comments to the Assessment System: