COURSE OUTLINE

(1) GENERAL

SCHOOL	School of Social Sciences			
ACADEMIC UNIT	Dpt of Cultural Technology & Communication			
LEVEL OF STUDIES	Undergraduate			
COURSE CODE	POL 222	SEMESTER	7th	
COURSE TITLE	Contemporary Systems Theory			
INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*			WEEKLY TEACHING HOURS	CREDITS
Lectures			3	5
Laboratory practise				
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).				5
COURSE TYPE *general background, special background, specialised general knowledge, skills development*	General background			
PREREQUISITE COURSES:	Non			
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek			
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No			
COURSE WEBSITE (URL)	https://eclass.aegean.gr/courses/131331/			

(2) LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

At the conclusion of this course, the students are expected to be able to:

- Realize, describe, the basic concepts of Cybernetics, Systems Theory, and systemic governance of social systems and societies.
- Put in practice the aforementioned theories, through well-defined systemic methodologies.
- Analyze in systemic terms any given context, either technological, social, or “hybrid” (in the sense introduced by Bruno Latour).
- Communicate efficiently their knowledge, which is acquired from the lectures, to colleagues in order to establish fruitful co-operations for creating cultural informatics applications
- Realize, and argue using scientific methods for the need of respect to otherness.

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology
Adapting to new situations
Decision-making
Working independently
Team work
Working in an international environment
Working in an interdisciplinary environment
Production of new research ideas
Project planning and management
Respect for difference and multiculturalism
Respect for the natural environment
Showing social, professional and ethical responsibility and sensitivity to gender issues
Criticism and self-criticism
Production of free, creative and inductive thinking
……
Others…
…….

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Adapting to new situations
- Decision-making
- Working independently
- Team work
- Working in an international environment
- Working in an interdisciplinary environment
- Production of new research ideas
- Project planning and management
- Respect for difference and multiculturalism

SYLLABUS

- Introduction to 1st and 2nd order Cybernetics
- Philosophical views on the concept of "social human"
- The theory of autopoiesis in Biology and Sociology
- The function of communication and the meaning of the meaning, from a systems-theoretical perspective

(3) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face to face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	Using open source software for the teaching material, presentation of documentaries
TEACHING METHODS *The manner and methods of teaching are described in detail.* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.* *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS*	
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	Final written examination, where the students are called to reply to questions on systems theory.

Activity	*Semester workload*
Lectures	13*2=39 hrs
Home study	13*6 = 78 hrs
Preparation for final exams	30 hrs
Course total	147 hrs

(4) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Θωμάς Μαυροφίδης, Εισαγωγή στη Σύγχρονη Συστημική Θεωρία, Πατάκης, 2018, ISBN 960-16-7815-8
- Η Φιλοσοφία ως Συστημική Θεωρία. Δοκίμια για τον Niklas Luhman, Γεωργίου Θεόδωρος, Αντώνιος Ν. Σάκκουλας, 2016, Αθήνα, 978-960-596-066-7

- Related academic journals:

- Systems Research and Behavioral Science, Wiley
- Kybernetes, Emerald
- Cybernetics & Human Knowing, Imprint Academic