

COURSE OUTLINE

- GENERAL

SCHOOL	SCHOOL OF APPLIED ARTS & CULTURE		
ACADEMIC UNIT	DEPARTMENT OF GRAPHIC DESIGN & VISUAL COMMUNICATION		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	N1-8010	SEMESTER	8th
COURSE TITLE	INFOGRAPHICS		
INDEPENDENT TEACHING ACTIVITIES <i>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</i>		WEEKLY TEACHING HOURS	CREDITS
		4	7
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail at (d)</i>			
COURSE TYPE <i>general background, special background, specialized general knowledge, skills development</i>	General background and skills development		
PREREQUISITE COURSES			
LANGUAGE OF INSTRUCTION and EXAMINATIONS	GREEK		
IS THE COURSE OFFERED TO ERASMUS STUDENTS?	YES (in English)		
COURSE WEBSITE (URL)			

- LEARNING OUTCOMES

<p>Learning outcomes</p> <p><i>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</i></p> <ul style="list-style-type: none"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i>
<p>After the completion of the course the students will be able to:</p> <ul style="list-style-type: none"> • Collect and classify features that an infographic is composed of. • Develop their artistic designing layout by approaching the designing depiction. • Design stable and interactive statistic and comparative infographics. • Understand the needs of public and how the infographics reflect on them. • Choose the appropriate form and style of infographic that apply in order to achieve the desirable effect of visual communication. • Conduct a research for interdisciplinary fields. • Adjust their designing work to the aesthetic of the page that will be placed. • Apply the basic principles of composition and communication of information in order to organize the features of an infographic (context, titles, gaps, colour etc.). • Understand the importance of producing a visual information and how it reacts on

public opinion. Also avoid misinform the public.

- Use appropriate mock-up software in order design stable and interactive infographics.
- Choose the appropriate methodology models to achieve the highest quality of printing and digital display.

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 environment responsibility
Working independently
Team work
Working in an international environment thinking
Working in an interdisciplinary environment

Production of new research ideas
Project planning and management
Respect for difference and multiculturalism
Respect for the natural
Showing social, professional and ethical and sensitivity to gender issues
Criticism and self-criticism
Production of free, creative and inductive
Others...

- Creative, analytical and inductive thinking.
- Required for the creation of new scientific ideas.
- Working independently.
- Working in groups – respect diversity.
- Decision making.

• SYLLABUS

Theoretical module

Historic data:

- First infographics on newspapers
- Evolve of infographics through time and digital historical review.
- Significance of infographics on publicity nowadays.
- Advantages and disadvantages of digital infographics.
- Forms of infographics and their characteristics.
- Presentation of mock-up and image designing infographic software suitable for Windows and Mac.
- Methodological approach and analyzing data.
- Data classification and presentation.
- Select the content, classify information, graphic and artistic design of visual communication, proposal and solutions to problems.
- Analysis and presentation of innovative infographics and innovative models of research from interdisciplinary fields.

Workshop module

- Designing methodology
- Develop and research of new artistic approaches.
- Evaluation of infographics communication.
- Graphic design and statistics and comparative development by selecting the appropriate display: pie-chart /bar-chart, region diagrams, maps, positioning maps etc.

• **TEACHING and LEARNING METHODS – EVALUATION**

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Presentations on power point and video projections. Training on special software for the design and engineering of infographics.	
TEACHING METHODS <i>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.</i> <i>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</i>	Activity	Semester workload
	Lectures	20
	Study & Analysis of Bibliography	10
	E class	10
	Preparation of assignments and interactive teaching	35
	Artistic evaluation and critique of design proposals	80
	Course total	175
	STUDENT PERFORMANCE EVALUATION <i>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.</i> <i>Other specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i>	Presentation of personal artistic and creative assignment (50%) consisting of the workshop methods.

• **ATTACHED BIBLIOGRAPHY**

Greek sources

A. Παπαποστόλου, 2014, Γραφήματα στην Ενημέρωση

Π. Κωνσταντόπουλος 2019 Infographics – Η εκκίνηση της ανάγνωσης

International Sources

Harris, C., 2002, Visual Journalism

Finburg, H., 1990, Visual Editing: a Graphic Guide for Journalist

Spance, R. 2002, Information Visualization

Stovall, J. 1994, Infographics, Allan and Bacon

Gaiardo, Andrea & Tamborrini, Paolo. (2015). SYSTEMIC INNOVATION DESIGN METHODOLOGY: THE COMPARISON OF TWO CASES STUDIES.

Alberto Cairo (2012) Functional Art, The: An introduction to information graphics and visualization (Voices That Matter) ISBN-13: 978-0321834737

Gareth Cook (2015) [The Best American Infographics](#). ISBN-13 : 978-0544542709

Cole Nussbaumer Knaflic (2015). [“Storytelling with Data: A Data Visualization Guide for Business Professionals](#) ISBN-13: 978-1119002253

Nathan Yau (2013) . [“Data Points: Visualization That Means Something](#). ISBN-13: 978-1118462195

Related periodicals:

Ειδησεογραφικό πρακτορείο REUTERS

Ειδησεογραφικό πρακτορείο AP

Ελευθεροτυπία, Αθήνα

Τα Νέα, Αθήνα

The New York Times, Nju Jork, SAD

The New York Times, Nju Jork, SAD

Los Angeles Times, Los Angeles, SAD

The Miami Herald, Majami, SAD

The Daily Telegraph, London, Velika Britanija

The Independent, London, Velika Britanija

European Newspaper Awards

Online periodical:

Adobe Magazine

