

## COURSE OUTLINE

### 1. GENERAL

<b>INSTITUTION</b>	University of Thessaly		
<b>SCHOOL</b>	Technology		
<b>DEPARTMENT</b>	Forestry, Science of Wood and Design		
<b>LEVEL</b>	<i>Undergraduate</i>		
<b>CODE</b>	ΔΠΕ871	<b>STUDENT SEMESTER</b>	8 <sup>ο</sup>
<b>COURSE TITLE</b>	LANDSCAPE ARCHITECTURE		
<b>ACTIVITIES</b>		<b>WEEKLY HRS</b>	<b>ECTS</b>
	Theoretical part	2	
	<b>Exercises/lab</b>	1	
	<b>TOTAL</b>	3	6
<b>TYPE OF COURSE</b>	Elective- Major		
<b>PREREQUISITES:</b>	NO		
<b>LANGUAGE TEACHING AND EXAMINATION:</b>	Greek		
<b>THE COURSE OFFERED TO STUDENTS ERASMUS</b>	NO		
<b>WEBPAGES COURSE (URL)</b>	It is expected, according to the construction instructions provided by the University of Thessaly.		

### 2. LEARNING OUTCOMES

<b>Learning Outcomes</b>
<p>The aim of the course is for the students to understand: the methods and techniques, for the architectural configuration and confrontation of the aesthetic and visual problems of the natural landscapes.</p> <p>Learning outcomes include:</p> <ul style="list-style-type: none"> <li>• Understanding basic principles of landscaping and conservation of natural landscapes and</li> <li>• The understanding of concepts, principles and rules of the restoration of damaged or degraded natural landscapes and the methods of Management and Architectural Science regarding their application in their management</li> </ul>
<b>General Skills</b>
<ul style="list-style-type: none"> <li>• Search, analysis and synthesis of data and information using the necessary technologies.</li> <li>• Work in an interdisciplinary environment</li> <li>• Adaptation to new situations</li> <li>• Production of new research ideas</li> <li>• Respect for the natural environment</li> <li>• Design and management of projects</li> </ul>

### 3. COURSE CONTENT

<p>Concepts, definitions of landscape, landscape architecture and aesthetic forests. Natural visual resources. Forestry species in the landscape. Adaptation of technical works and constructions to the natural landscape. Problems of destruction and degradation of natural landscapes. Factors affecting the size and type of destruction and degradation. Visual improvement plan with vegetation and small technical projects. Methods and techniques of vvegetation establishment. Selection of suitable plant species. Functional plan of the future landscape.</p>
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Design in natural terrestrial ecosystems and landscapes. Management of natural terrestrial ecosystems and landscapes of multiple use.

**The exercises** of the course are done one (1) hour per week. Attendance by students is mandatory by at least 50%. From the 1st lesson, the teacher points out the importance of the **attendance**, but also the theory, while motive is given for the continuous participation of the students.

Essentially, the exercises of the course are a continuation of the theory, where road construction exercises that have practical application to the object are solved. The aim of the exercises is for the student to maximize the knowledge acquired from the theoretical part, with practical practice and development of constructive dialogue, solving questions and concerns, as well as the acquisition of conscious knowledge and application of basic principles of the course in practice.

Relevant directions, and rich material and instructions are posted in the e-class.

4.

## 5. TEACHING AND LEARNING METHODS - EVALUATION

<b>DELIVERY METHOD</b>	<p>The J.F. HERBART teaching method is applied. The method includes the following steps:</p> <ol style="list-style-type: none"> <li>1. Preparing students to accept the new knowledge, mainly by recalling relevant knowledge</li> <li>2. Presentation and explanation of the teaching unit</li> <li>3. Connection with the previous ones</li> <li>4. Generalization and conclusions</li> <li>5. Application: new knowledge is tested in practice.</li> </ol> <p>The course includes two parts of teaching: Theoretical, Laboratory / Exercise.</p> <p>The <b>Theoretical</b> includes the active participation of students in classes within the classroom through the use interactive media. Students are encouraged to take part in research activities.</p> <p>The <b>Exercise / Laboratory</b> includes the obligatory engagement of students with specific activities that they choose from a list of activities of each study unit of the theory text</p> <p>In addition, students are informed about the achievements of research in specific areas of the science of the course. Finally, educational excursions are conducted within the course of each semester. Participation in educational trips is mandatory.</p>															
<b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES</b>	Use with flexibly and alternatively, ICT monitoring tools: PC (multimedia PC), video data projector, video presentation stand, internet, asynchronous platform distance learning (e-class).															
<b>MANAGEMENT OF TEACHING</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #d9ead3;"><i>Activity</i></th> <th style="background-color: #d9ead3;"><i>Semester Workload</i></th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td style="text-align: center;">26</td> </tr> <tr> <td>Homework/ Lab</td> <td style="text-align: center;">13</td> </tr> <tr> <td>Homework</td> <td style="text-align: center;">41</td> </tr> <tr> <td>Independent Study</td> <td style="text-align: center;">45</td> </tr> <tr> <td colspan="2"><b>Course Total</b> (25 hours of workload per credit unit)</td> </tr> <tr> <td></td> <td style="text-align: center;">125</td> </tr> </tbody> </table>		<i>Activity</i>	<i>Semester Workload</i>	Lectures	26	Homework/ Lab	13	Homework	41	Independent Study	45	<b>Course Total</b> (25 hours of workload per credit unit)			125
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<b>STUDENT EVALUATION</b>	A. The evaluation of the theoretical course is done at the end of the semester with written exams. The process of the															

	<p>final exams is the standard that is followed in all the courses of the Department.</p> <p>In agreement with the students, the evaluation of the theoretical course can be done with progress exams that will be conducted upon an agreed date within the semester, according to the program of the Department</p> <p>Students who have participated in all educational trips during the semester have the right to participate in the evaluation of the theoretical course.</p> <p>The theoretical part participates in 65% of the final grade of the course.</p> <p>B. The evaluation of the Exercise / Laboratory is done at the end of the semester with written examinations. The process of the final exams is the standard that is followed in all the courses of the Department.</p> <p>Eligible to participate in the evaluation of the Exercise / Laboratory are students who have (a) completed the required number of attendances (50% of the courses) and (b) participate in all educational trips during the semester. The evaluation of the Exercise / Laboratory participates in 35% of the final grade of the course.</p>
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## 6. RECOMMENDED-BIBLIOGRAPHY

<ul style="list-style-type: none"> <li>• Ανανιάδου - Τζημπούλου Μ. 2018. Αρχιτεκτονική τοπίου. Σχεδιασμός αστικών χώρων. Εκδ. Ζήτη, Θεσσαλονίκη.</li> <li>• Ελευθεριάδης Ν. 2003. Δασική Αναψυχή και Περιήγηση (Τουρισμός). ART of TEXT, Θεσσαλονίκη.</li> <li>• Ελευθεριάδης Ν. 2004. Διαχείριση Φυσικών Χερσαίων Οικοσυστημάτων, ART of TEXT, Θεσσαλονίκη.</li> <li>• Marsh W.M. 2003. Landscape Planning Environmental Applications. Wiley, Inc.</li> </ul>	<ul style="list-style-type: none"> <li>• Ντάφης Σ.</li> <li>•</li> <li>•</li> </ul>
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