| COURSE INFORMATON | | | | | |
|--|----------|----------|----------|---------|------|
| Course Title | Code | Semester | L+P Hour | Credits | ECTS |
| Planting Critics in Landscape Practice | LAUD 517 | | 3+0 | 3 | 10 |

| Prerequisites - |
|-----------------|
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| Language of Instruction | English |
|----------------------------|---|
| Course Level | Graduate |
| Course Type | Elective |
| Course Coordinator | |
| Instructors | |
| Assistants | |
| Goals | Definition of the gymnosperm species used in landscape planning. |
| Content | Botanical and ecological features of pines, spruces, firs, and other gymnosperms. |

| Learning Outcomes | Program Learning Outcomes | Teaching Methods | Assessment Methods |
|---|---------------------------------|---------------------|-----------------------|
| 1) Definition of the gymnosperms and angiosperms. | 2,3 | 1,2,3 | A,C,D |
| 2) Explains the differences of ecological features of species used in landscape planning. | 2,3 | 1,2,3 | A,C,D |
| 3) Definition of botanical features of species used in landscape planning. | 2,3 | 1,2,3 | A,C,D |
| 4) Explains the distribution areas of different species. | 2,3,4 | 1,2,3 | A,C,D |
| 5) Explains the elevations of natural distribution of species. | 2,3,4 | 1,2,3 | A,C,D |
| 6) Interprets the trees and brushes. | 2,3,4 | 1,2,3 | A,C,D |

| Teaching Methods: | 1: Lecture, 2: Question-Answer, 3: Discussion, 4:Workshop |
|----------------------|---|
| Assessment Methods: | A: Testing, B: Jury, C: Homework, D: Quizzes |
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| | COURSE CONTENT | | | | | |
|------|---|-----------------|--|--|--|--|
| Week | Study Materials | | | | | |
| 1 | Introduction | Botanical Books | | | | |
| 2 | Summarization of plant materials | Botanical Books | | | | |
| 3 | Basic theories of planting design | Botanical Books | | | | |
| 4 | Climate, soil and ecological principles | Botanical Books | | | | |
| 5 | Creation of sustainable green spaces | Botanical Books | | | | |
| 6 | Mine and erosion areas | Botanical Books | | | | |
| 7 | Midterm | Botanical Books | | | | |
| 8 | Critical in dunes and dunes planting | Botanical Books | | | | |
| 9 | Critical in green roofs | Botanical Books | | | | |
| 10 | Critical in vertical gardens | Botanical Books | | | | |
| 11 | Evaluations of exotic plants applications | Botanical Books | | | | |
| 12 | Adaptation | Botanical Books | | | | |
| 13 | Plant diseases | Botanical Books | | | | |
| 14 | Maintenance details on plants | Botanical Books | | | | |
| 15 | Student presentations | | | | | |

| RECOMMENDED SOURCES | | |
|----------------------|---|--|
| Textbook | Ata C., Trees and Shrubs, 2020, İstanbul. Uluocak N., Yer Örtücü Bitkiler, 1994, İstanbul Uzun G., Peyzaj Mimarlığında Çim ve Spor Alanları Yapımı,1999, Adana | |
| Additional Resources | Pamay B., Bitki Materyali II, 1993, Küçükkuyu | |

| MATERIAL SHARING | | |
|------------------|---|--|
| Documents | Botanical books, trees and other plants in the gardens. | |
| Assignments | - | |
| Exams | Midterm, quizes, final exam. | |

| ASSESSMENT | | | | | |
|--|---|-----|--|--|--|
| IN-TERM STUDIES NUMBER PERCENTAGE | | | | | |
| Mid-terms | 1 | 40 | | | |
| Quizzes | - | - | | | |
| Project | - | - | | | |
| Presentation | - | - | | | |
| Homework | - | - | | | |
| Final | | 60 | | | |
| Total | | 100 | | | |
| CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE | | 60 | | | |
| CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE | | 40 | | | |
| Total | | 100 | | | |

| C | DURSE CATEGORY | |
|---|----------------|--|
|---|----------------|--|

| | COURSE'S CONTRIBUTION TO PROGRAM | | | | | |
|------------------------------|---|--------------|---|---|---|---|
| No Program Learning Outcomes | | Contribution | | | | |
| | Trogram Learning Gattomes | | 2 | 3 | 4 | 5 |
| 1 | Develops and deepens the theoretical and practical knowledge at the level of expertise in the field of Urban Design and Landscape Architecture, based on the qualifications of undergraduate education. | | | | x | |
| 2 | Has knowledge of legal and managerial issues such as national / international environmental policies and legislation, as well as discusses current developments and changes. | | | | | |
| 3 | Has critical awareness of the nature of knowledge, its sources, and the problems of knowledge production and the testing of knowledge in the areas of Architecture / planning / design and Interfaces between other related areas. Is able to disgust the interaction between disciplines related to the field. | | | | x | |

| 4 | Has extensive knowledge of the criteria and processes that are effective in determining urban design requirements such as socio-economic and spatial standards and the ability to use these criteria within the design process. | | X |
|----|---|---|---|
| 5 | Knows world examples in urban design and its parts, follows current developments and has an idea about how they can be handled according to the conditions of the country. | | x |
| 6 | Has extensive knowledge about the current techniques and methods applied in the field of Biological-Ecological Environmental Protection (Nature conservation, landscape planning, recreational planning, Green area planning, protected area planning, etc.) and solutions for local and global environmental problems and their limitations. | x | |
| 7 | Has extensive knowledge about ecosystem, biodiversity and sustainable resource management, rural development, design, planning and technology use. | | X |
| 8 | Has the ability to prepare urban design / landscape design projects or research projects based on theoretical and practical knowledge by following /producing innovative methods and ideas. | | X |
| 9 | Has problem-solving skills necessary for integrating knowledge from different fields and the ability to critically evaluate academic research. | | |
| 10 | Has the competence to access information, databases and other resources, and conduct specific scientific studies, as well as the ability to share and discuss open and systematic knowledge with experts and non-experts. | | |
| 11 | Is conscious of the social and professional ethical responsibilities that may arise from the application of information and decisions. | | |
| 12 | Protects public benefit in the design of urban components and the shaping of the city as a whole, and acts with social responsibility | | |
| 13 | Has the attitude to decide and act with judicial awareness by showing respect to human, social and cultural rights, and by being sensitive to the protection of the natural environment and cultural heritage. | | |
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| ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION | | | | | |
|--|----------|--------------------|-----------------------------|--|--|
| Activities | Quantity | Duration (Hour) | Total Workload (Hour) | | |
| Course Duration (Including the exam week: 16 x Total course hours) | 16 | 3 | 48 | | |
| Hours for off-the-classroom study (Pre-study, practice) | 16 | 10 | 160 | | |
| Mid-terms | 1 | 3 | 3 | | |
| Quizzes | 2 | 1.5 | 3 | | |

| Project | - | | |
|---------------------------|---|----|-----|
| Workshop-Presentation | 1 | 15 | 15 |
| Ödev | 1 | 8 | 8 |
| Final examination | 1 | 3 | 3 |
| Total Work Load | | | 240 |
| Total Work Load / 25 (h) | | | 9,6 |
| ECTS Credit of the Course | | | 10 |