**COURSE IDENTIFICATION FORM**

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| Course Unit Title and Code: SM-523 Fishing in Freshwater | Programme Title: Fisheries Post Graduate |
| Semester | The Methods of Education (ECTS) |  |
| Theoretical | Practice | Lab. | Project Work | Other | Total | ECTS |
|  | 2 | 2 | - |  |  |  | 6 |
| Languish of Course Unit  | Turkish |
| Type of Course Unit (Compulsory/Elective) | Elective |
| Preconditions | None |
| **Name of Lecturer** | Prof. Dr. Fahrettin YÜKSEL |
| Class | Post Graduate |
| Objectives of Course Unit | Endangered species protected inland water dealing with the different fishing methods (Electric and trap fishing etc.) and the equipments used in catching for inland species and fishing gear selectivity. Teaching responsible and sustainable fisheries for inland water. Production and fishing regulations for Inland water |
| **Teaching Techniques**  | Lecture, question and answer, discussion, brain storming, individual work |
| **Course Unit Contents** | To protect the endangered species of inland waters, to teach responsible and sustainable fisheries, the selectivity of nets used for inland waters, and various fishing methods such as electric and trap fishing, to give some information about the production amounts and yield, Inland water legislations and circular. |
| Recommended or Required Reading | Otto Gabriel, Klaus Lange, E Dahm, Thomas Wendt, 2005. Fish Catching Methods of the World, Blackwell Publishing. Fourth Edition.Barg, U., I.G. Dunn, T. Petr and R.L. Welcome 1997. Inland fisheries,,. p.439-476. In A.K. Biswas (ed.) Water Resources: Environmental Planning, Management and Development. New York, McGraw-Hill. 737 p. |
| Learning Outcomes | 1. Ability to convey the theoretical laboratory information in fisheries sciences into the practical applications.
2. Ability to design a research project, ability to analyze field study methods and to make conclusions.
3. Ability to conduct an interdisciplinary study, ability to determine and solve engineering problems.
4. Ability to comprehend ethical problems.
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| Weekly Detailed Course Contents | 1. Characteristics of the Inland waters of Marmara and the Black Sea region
2. Characteristics of Inland waters in the Eastern Anatolia region
3. Characteristics of Inland waters in the Mediterranean and the Aegean region
4. Classification of instruments used in catching fish in inland water fisheries and various fishing methods
5. Species in commercial fishing in inland waters
6. Electric fishing methods in inland waters
7. Trap, hoop net and fyke net fishing methods in inland waters
8. Mid-Term exam
9. Gill net fisheries for inland waters
10. Selectivity of inland fishery gears
11. The sport of angling in inland waters
12. To protect the endangered species of inland waters, to teach responsible and sustainable fisheries
13. Inland water fisheries contribution to national economy, legislations and circulars for inland waters
14. The station of inland fisheries in EU countries, legislations and circular
15. Final Exam
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| The contribution to Career Training of Course Unit | Mathematic and Basic Science | Vocational Education | General Education |
|  |  | 6 |  |

### RELATİONSHIPS BETWEEN LEARNING OUTCOMES OF COURS UNIT AND PROGRAMME OUTCOMES OF FİSHERİES ENGİNNER

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|  | PROGRAMME OUTCOMES OF FİSHERİES ENGİNNER | **Contribution Level**1 Low2: Medium 3: High |
| 1 | Deepens and improves the information based on university education up to expertise level in Fishing and Seafood Processing Technology.  | 2 |
| 2 | Collects, assesses and publishes data related to their expertise area, cares public, scientific, cultural and ethical values during data collection. | 2 |
| 3 | Solves problems by using problem-solving and suitable methods, establishes cause and effect relationships in the process in his/her expertise. | 3 |
| 4 | Develops a positive attitude towards lifelong learning.  | 0 |
| 5 | Ability for independent study in their area of expertise. | 3 |
| 6 | Obtaining and using literature in their area of expertise. | 0 |
| 7 | Written, verbal and visual convey of their studies and developments in their area of expertise. | 1 |
| 8 | Comprehends interaction of expertise area in relation to interdisciplinary relationships.  | 2 |

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