**COURSE IDENTIFICATION FORM**

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| Course Unit Title and Code: SM-533 Fisheries Technique | 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 | To teach basics and up-to-date knowledge of fishing gear and methodology. Evaluation of their efficiencies and selectivities of fising gears, to comment on impacts of relevant legal regulations and to suggest gear modifications.  |
| **Teaching Techniques**  | Lecture, question and answer, discussion, brain storming, individual work |
| **Course Unit Contents** | State of the seafood production by capture fisheries in the world and Turkey, and classification of the fishing gears according to FAO standards. Technical specifications and operation methods of fishing gears, and evaluation of their efficincies and selectivities. Observation and practice of fishing gear operations in Mersin Bay aboard commercial fishing vessels. |
| Recommended or Required Reading | Mengi, T. Balıkçılık Tekniği, Mater Matbaası, (1977).Hoşsucu, H. Balıkçılık I, Ders Kitabı No.24, 247 s., (1998). Hoşsucu, H. Balıkçılık III, Ders Kitabı No.27, 237 s., (2000). |
| Learning Outcomes | 1. To be able to create new application models considering the difference progressive and present affairs of fishing and fishing technologies.
2. Learns technical features of fishing gears, and if needed, suggests modifications.
3. Discusses ecosystem effects of fishing gears.
4. Can evaluate impacts of legal regulations by combining knowledge of fish behaviour, fishing gears and operations, and can suggest modification.
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| Weekly Detailed Course Contents | 1. History of fishing
2. Fisheries production in Turkey and the world
3. Classification of fishing equipments
4. Legislations for fisheries
5. Fishing methods
6. Bait types in fishing
7. Engineering applications in fisheries
8. Mid-Term exam
9. Sustainable fisheries and it's importance for ecosystem
10. Mollusc and crustacean processing technology
11. By-product valuing techniques
12. By-product valuing techniques
13. Presentation of term projects
14. Presentation of term projects
15. Final Exam
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| The contribution to Career Training of Course Unit | Mathematic and Basic Science | Vocational Education | General Education |
|  |  | 5 |  |

### 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.  | 3 |
| 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.  | 3 |
| 5 | Ability for independent study in their area of expertise. | 0 |
| 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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