**COURSE IDENTIFICATION FORM**

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| Course Unit Title and Code: SM-524 Selectivity of Gillnets | 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** |

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| Prof. Dr. Fahrettin YÜKSEL |

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| Class | Post Graduate |
| Objectives of Course Unit | To teach the importance of gill and trammel net fishery in Turkish Fisheries. Also to explain the technical details, drawing with construction of them. Data collection and calculation to determine length and species selectivity in trammel nets and species selectivity in long lines and traps. After these calculations, the evaluation on what we can do to improve the gears. |
| **Teaching Techniques**  | Lecture, question and answer, discussion, brain storming, individual work |
| **Course Unit Contents** | Explain the gill and trammel nets that used in Turkish waters. Knowing the target species and their catching periods. The technical details of nets that are used by commercial fishermen. Collect the net data and could draw the plan of the nets in PC. Sampling methods to determine the length and species selectivity. Related methods to analyze samplings. Necessary technical regulations to develope the selectivity. Related methods and applications for sampling and to determine catch composition, reduce discard. |
| Recommended or Required Reading | Yüksel, F., Course note of gillnet selectivity. |
| Learning Outcomes | 1. Knows passive fishing gears and defines them.
2. Ability to calculate selectivity parameters of gillnets fishing.
3. Ability to calculate selectivity parameters of trammel nets fishing.
4. Is able to analyze the data which are collected by passive fishing gears.
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| Weekly Detailed Course Contents | 1. The classification of fishing gears and (Active and Passive Fishing Gear)
2. Definition of selectivity
3. The Importance of selectivity for Fisheries Management
4. The parameters that affect the selectivity, homework
5. Gillnet Selectivity
6. Field work for gillnet selectivity 1
7. Field work for gillnet selectivity 2
8. Mid-Term exam
9. Field work for gillnet selectivity 3
10. Analysis of the data, homework
11. Field work for trammel net 1
12. Field work for trammel net 2
13. Field work for trammel net 3
14. Analysis of the data, homework
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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