**COURSE IDENTIFICATION FORM**

|  |  |
| --- | --- |
| Course Unit Title and Code: SM-630 Catching Technique with Gill Nets | Programme Title: Fisheries PhD |
| 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 | PhD |
| Objectives of Course Unit | The aim is to teach the importance of gillnets in Turkey's fisheries, to introduce gillnets, to determine their technical specifications and drawings, and to teach their construction methods in practice. |
| **Teaching Techniques**  | Lecture, question and answer, discussion, brain storming, individual work |
| **Course Unit Contents** | It includes the introduction of the gillnets used in the Turkish Seas, the target species caught and their fishing times, obtaining the necessary data to determine the technical properties of the gillnets used by fishermen, and technical drawing of the gillnets by evaluating this data, the calculations necessary to make gillnets with different features and the construction and use of these nets. |
| 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. Will be able to recognize gillnets used in Turkish seas.
2. Know the catch composition and hunting time of gill nets according to their hunting areas.
3. Will be able to draw the technical details of the gillnets used by fishermen and draw them on the computer.
4. Will be able to make the necessary calculations and equipment for the construction of gillnets with different features.
 |
| Weekly Detailed Course Contents | Week 1: Introduction of gillnets used in Turkish seasWeek 2: Fishing effectiveness of gillnetsWeek 3: Introduction of bottom and pelagic gillnets and caught speciesWeek 4: Introduction of trampoline and plain nets and the species caughtWeek 5: Alamanas and gablesWeek 6: Mechanization of gillnet fishing boatsWeek 7: Legal regulations on extension networksWeek 8: Midterm ExamWeek 9: Materials used in making gillnetsWeek 10: Equipment calculations of gillnetsWeek 11: Equipment calculations of gillnetsWeek 12: Drawing methods of gillnetsWeek 13: Fish behavior in gillnetsWeek 14: Voli and renegade methods in gillnetsWeek 15: Final Exam |
| 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

|  |  |  |
| --- | --- | --- |
|  | PROGRAMME OUTCOMES OF FİSHERİES ENGİNNER | **Contribution Level**1 Low2: Medium 3: High |
| 1 | Determines strategies and investigates methods about their field of study in Fisheries Basic Science. | 3 |
| 2 | Produces new information and theories by interpreting and synthesising the information from other disciplines and uses the theoretical and practical information from their field of study in Fisheries Basic Science. | 2 |
| 3 | Conforms, controls and teaches social, cultural and scientific ethics in the investigation and publication process of the data related with the field of interest. | 3 |
| 4 | Follows up international publications and communicates with international collaborators by using language skills. | 3 |
| 5 | Uses the communication and information technologies about the field of interest in an advanced level. | 0 |

|  |  |
| --- | --- |
| **Prof. Dr. Fahrettin YÜKSEL** | **fahrettinyuksel@munzur.edu.tr** |