**COURSE IDENTIFICATION FORM**

|  |  |
| --- | --- |
| Course Unit Title and Code: SM-628 Catch Technique by Purse Seine 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 | Study of techniques and technology on purse seining in Turkey and all over the world. |
| **Teaching Techniques**  | Lecture, question and answer, discussion, brain storming, individual work |
| **Course Unit Contents** | This course includes history of purse seining and construction of purse seine nets, theory of purse seining, Deck and navigation equipment and fishing operation and its related tasks of the crew onboard. |
| 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. Knowledge of purse-seine nets and ıts related boats, mechanization also.
2. Information on World-wide purse-seining technology and associated developments and their presenttations and seminars to fishermen.
3. Ability to conduct socio-economic analyses and develop proposals for solution to problems as well as technical knowledge of purse-seining fisheries in Turkey.
4. Ability to understand whether the fish has been caught using purse-seine or other nets.
 |
| Weekly Detailed Course Contents | 1. Historical development of purse-seining fisheries
2. Theory of purse-seining fisheries
3. Purse-seiners
4. Purse-seine netting
5. Deck and sailing equipment
6. Fish finder equipment
7. Purse seining operation
8. Mid-Term exam
9. Purse seining operation-2
10. Catch species composition
11. Purse-seine fisheries in Turkey and all over the world.
12. Difference between purse-seine and other nets
13. Laws and regulation on purse-seine fisheries
14. Importance of light in purse seine fisheries and catching with light.
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 |
| 6 | Research, adaption and application of a novel topic in their field. | 0 |
| 7 | Being able to conceive interdisciplinary interactions, and to obtain novel results by analysis, synthesis, and expert information. | 1 |
| 8 | Developing new ideas and methods in their field by creative and critical thinking, problem solving and decision making. | 2 |

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