**T.R.**

**ESKISEHIR OSMANGAZI UNIVERSITY**

**GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES**

**COURSE INFORMATION FORM**

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| **DEPARTMENT** |  **ELECTROCHEMISTRY AND ELECTROCHEMICAL TECHNOLOGIES (MSc)** | **SEMESTER** |   |

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| **COURSE** |
| **CODE** |        | **TITLE** |        |

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| **LEVEL** | **HOUR/WEEK** | **Credit** | **ECTS** | **TYPE** | **LANGUAGE** |
| **Theory** | **Practice** | **Laboratory** |
|  **MSc** |    |    |    |    |     | COMPULSORY(   ) | ELECTIVE(   ) |       |
| **CREDIT DISTRIBUTION** |
| **Basic Science** | **Basic Engineering** | **Knowledge in the discipline****[if it contains considerable design content, mark with (√)]** |
|   |   |      |
| **ASSESSMENT CRITERIA** |
| **SEMESTER ACTIVITIES** | **Evaluation Type** | **Number** | **Contribution** **( % )** |
| Midterm |   |    |
| Quiz |   |    |
| Homework |   |    |
| Project |   |    |
| Report |   |    |
| Seminar |   |    |
| Other (………) |   |    |
| **Final Examination** |    |
| **PREREQUISITE(S)** |        |
| **SHORT COURSE CONTENT** |        |
| **COURSE OBJECTIVES** |        |
| **COURSE CONTRIBUTION TO THE PROFESSIONAL EDUCATION** |        |
| **LEARNING OUTCOMES OF THE COURSE** |        |
| **TEXTBOOK** |        |
| **OTHER REFERENCES** |        |

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| **COURSE SCHEDULE (Weekly)** |
| **WEEK** | **TOPICS** |
| 1 |        |
| 2 |        |
| 3 |        |
| 4 |        |
| 5 |        |
| 6 |        |
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| 10 |        |
| 11 |        |
| 12 |        |
| 13 |        |
| 14 |        |
| 15,16 | Final Examination |

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| **CONTRIBUTION OF THE COURSE LEARNING OUTCOMES TO THE ELECTROCHEMISTRY AND ELECTROCHEMICAL TECHNOLOGIES MSc PROGRAM LEARNING OUTCOMES** | **CONTRIBUTION LEVEL** |
| **NO** | **LEARNING OUTCOMES (MSc)**  | **3**High | **2**Mid | **1**Low |
| **LO 1** | Learning to use knowledges which have been gained by undergraduate education in the postgraduate areas. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 2** | To have a research qualificaiton with professional responsibility. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 3** | Self-developing by following and being aware of the importance of innovation and Electrochemistry in the development of science and technology. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 4** | By using individual working abilities, to be capable of sharing studies and opinions in various communication media such as seminars, symposiums, congress or workshops. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 5** | To be capable of preparing scientific publications by using their acquired knowledge and experience in undergraduate and graduate study. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 6** | To follow closely the developments of Electrochemistry in both national and international levels. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 7** | To design and apply theoretical, experimental and modelling studies and to examine and solving complex problems encountered in these processes. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 8** | To be capable of making disciplinary and inter-disciplinary studies. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 9** | Ability to make literature survey, presentation, designing and performing experiments and interpretation of relevant results. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 10** | Using the ability to take initiative by acting independently. | **[ ]**  | **[ ]**  | **[ ]**  |
| **LO 11** | To have a scientific and personal ethics and defend this approach in any medium. | **[ ]**  | **[ ]**  | **[ ]**  |

**Prepared by:**       **Date:**

**Signature**: