

SCIENCE ,TECHNOLOGY AND SOCIETY

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| 1 | Course Title: | SCIENCE ,TECHNOLOGY AND SOCIETY | |
| 2 | Course Code: | SOS2206 | |
| 3 | Type of Course: | Compulsory | |
| 4 | Level of Course: | First Cycle | |
| 5 | Year of Study: | 2 | |
| 6 | Semester: | 4 | |
| 7 | ECTS Credits Allocated: | 2.00 | |
| 8 | Theoretical (hour/week): | 2.00 | |
| 9 | Practice (hour/week): | 0.00 | |
| 10 | Laboratory (hour/week): | 0 | |
| 11 | Prerequisites: | None | |
| 12 | Language: | Turkish | |
| 13 | Mode of Delivery: | Face to face | |
| 14 | Course Coordinator: | Dr. Öğr. Üyesi ERKAN ŞENŞEKERCİ | |
| 15 | Course Lecturers: | Yok | |
| 16 | Contact information of the Course Coordinator: | Dr.Öğr.Üyesi Erkan Şenşekerci erkans@uludag.edu.tr | |
| 17 | Website: | | |
| 18 | Objective of the Course: | The main aim of the course is to enable students to recognize the scientific and technological developments leading to social changes and to associate them with the curriculum of the social studies course. | |
| 19 | Contribution of the Course to Professional Development: | | |
| 20 | Learning Outcomes: | | |
| | | 1 | Defines, explains, exemplifies the concepts of science and technology. |
| | | 2 | Understand the nature of science and scientific processes. |
| | | 3 | Understands the effects of science and technology on social and cultural life. |
| | | 4 | Understands the concepts and importance of scientific and technology literacy. |
| | | 5 | Recognizes the basic scientific theories and inventions that have influenced the development of human civilization. |
| | | 6 | Understands social problems that are the result of technological developments. |
| | | 7 | Recognizes the proposed scientific and technological solutions for the solution of technology-related problems. |
| | | 8 | Gains awareness and sensitivity to scientific and technological developments. |
| | | 9 | Recognizes the related learning area, subjects and achievements in the social studies curriculum. |
| | | 10 | Realizes social sensitivity in the use of science and technology. |
| 21 | Course Content: | | |
| | | Course Content: | |
| Week | Theoretical | Practice | |

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| 1 | Orientation: Introducing the aim and content of the course, and the sources. | |
| 2 | Science and technology concepts | |
| 3 | The nature of science and scientific processes | |
| 4 | The effects of science and technology on social and cultural life | |
| 5 | Science and technology in the archaic age | |
| 6 | Science and technology in the Middle Ages | |
| 7 | Science and technology in the new age | |
| 8 | Science and technology in the contemporary age | |
| 9 | Science and technology today | |
| 10 | Technology-related social problems | |
| 11 | Scientific and technological suggestions for the solution of social problems | |
| 12 | The importance, agenda and future of scientific and technological developments | |
| 13 | Science and technology in social studies curriculum | |
| 14 | Social sensitivity in the use of science and technology | |
| 22 | Textbooks, References and/or Other Materials: | |
| 23 | Assesment | |
| TERM LEARNING ACTIVITIES | | NUMBER |
| Midterm Exam | | 1 |
| Quiz | | 0 |
| Home work-project | | 0 |
| Final Exam | | 1 |
| Total | | 2 |
| Contribution of Term (Year) Learning Activities to Success Grade | | 40.00 |
| Contribution of Final Exam to Success Grade | | 60.00 |
| Total | | 100.00 |
| Measurement and Evaluation Techniques Used in the Course | | |
| 24 | ECTS / WORK LOAD TABLE | |

| Activites | Number | Duration (hour) | Total Work Load (hour) |
|----------------------------|--------|-----------------|------------------------|
| Theoretical | 14 | 2.00 | 28.00 |
| Practicals/Labs | 0 | 0.00 | 0.00 |
| Self study and preperation | | | |
| Homeworks | 0 | | |
| Projects | | | |
| Field Studies | | | |
| Midterm exams | 1 | | |
| Others | | | |
| Final Exams | 1 | | |
| Total Work Load | | | |
| Total work load/ 30 hr | | | |
| ECTS Credit of the Course | | | 2.00 |

| 25 | CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS | | | | | | | | | | | | | | | |
|--|---|-----|-----|--------------|-----|-----|-----------------|-----|-----|---------------|------|------|--------------------|------|------|------|
| | PQ1 | PQ2 | PQ3 | PQ4 | PQ5 | PQ6 | PQ7 | PQ8 | PQ9 | PQ10 | PQ11 | PQ12 | PQ13 | PQ14 | PQ15 | PQ16 |
| LO: Learning Objectives PQ: Program Qualifications | | | | | | | | | | | | | | | | |
| Contribution Level: | 1 very low | | | 2 low | | | 3 Medium | | | 4 High | | | 5 Very High | | | |