

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
FZK-2022	Introduction to Industrial Physics	2.00	0.00	0.00	2.00	2.00
Course Detail						
Course Language	: Turkish					
Qualification Degree	: Bachelor					
Course Type	: Optional					
Preconditions	: Not					
Objectives of the Course	: The main aim of this course; to emphasize the importance of the relationship between industry and industry, especially physics and science in general, and to examine the importance of knowledge in industry and industry, as well as its effects on economic and social welfare.					
Course Contents	: The main content of this course; to emphasize the importance of science in industry and the relationship of social and economic welfare with industry and to create cultural awareness in this direction.					
Recommended or Required Reading	: 1- Endüstri Mühendisliğine Giriş, Öztemel, E., 2016, Papatya Yayınları. 2- Bilimsel Yöntemin İlkeleri, 2011, Taylor, A. W., Adres Yayınları. 3- Endüstri 4.0: Teknoloji ve Üretim Yönetimi, Sarı, E. B., 2020, Nobel Bilimsel Eserler. 4- Endüstriyel Ekonomi, Kabasakal, A., Pelikan Tıp Teknik Yayıncılık.					
Planned Learning Activities and Teaching Methods	: Oral presentation, practice, homework, discussion.					
Recommended Optional Programme Components	: Researching and examining documents for the application of physics in industry.					
Instructors	: Prof. Dr. İsmail Tarhan					
Instructor's Assistants	: None					
Presentation Of Course	: Face to face					

Course Outcomes

Upon the completion of this course a student :

- 1 Gains knowledge about industry.
- 2 Makes explanations about the applications of physics in industry.
- 3 He/She gives detailed information about the development, history, importance and effects of the industry.
- 4 Uses his/her knowledge of physics in industry.
- 5 He/She takes duties in physics-related studies in industry.

Preconditions

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