# Course Information

## COURSE INFORMATION

| Course Title | Code | Semester | L+U Hour | Credits | ECTS |
|---|---|---|---|---|---|
| Academic Foreign Language II | FZK236 | 4. Semester | 2 + 0 | 2.0 | 2.0 |

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| **Prerequisites** | None |
| **Language of Instruction** | Turkish |
| **Course Level** | Bacheclor's Degree (First Cycle) |
| **Course Type** | Compulsory |
| **Mode of delivery** | Face to face |
| **Course Coordinator** | Assoc. Prof. Dr. Emine Dilara AYDIN |
| **Instructors** | Assoc. Prof. Dr. Emine Dilara AYDIN |
| **Assistants** | |
| **Course Objectives** | The aim of this course is to give students English grammar and translation techniques on the selected short Turkish Physics texts to English and vice verse. |
| **Course Content** | The translation techniques, The translation text – I : Madde ve Hacim, The translation text – II :Basınç, The translation text – III : Mıknatıslar, The translation text – IV: Sürtünme, The translation text – V : Mathematical Notation, The translation text – VI : Standars of Lenght,Mass and Time, Midterm Exam, The translation text – VII : Principle of Relativity, The translation text – VIII : Atomic Spectra, The translation text – XI : Photons and Electromagnetic Waves, The translation text – X : X Ray Spectra, The translation text – XI : Natural Radioactivity, The translation text – XII : The Cosmic Connection, The translation text – XIII : Conductors in Electrostatic Equilibrium, Final Exam |
| **Course Learning Outcomes** | 1) Recognise the vocabularies that are used in Physics books to follow developments in his/her work.<br>2) Make sentences with the vocabularies that are used in Physics books to use the knowledge in physics.<br>3) Read the scientific texts in Physics I,II,III and IV courses in English especially.<br>4) Analyse the grammar of the scientific texts in Physics I,II,III and IV courses especially.<br>5) Write the scientific texts of Physics I, II, III, and IV courses briefly especially. |

## WEEKLY COURSE CONTENT

| Week | Topics | Teaching and Learning Methods and Techniques | Study Materials |
|---|---|---|---|
| 1. Week | The translation techniques | (Face to face lecture and discussions with students)Lecture | |
| 2. Week | The translation text – I : Madde ve Hacim | (Face to face | |

Quick Access

Physics
- Qualification Awarded
- Level of Qualification
- Qualification Requirements and Regulations
- Specific Admission Requirements
- Recognition of Prior Learning
- Profile of the Program
- Program Key Learning Outcomes
- Occupational Profile of Graduates
- Access to Further Studies
- Course Structure & Credits
- Exam Regulations & Assessment & Grading
- Graduation Requirements
- Mode of Study
- Programme Director(or Equivalent)
- Evaluation Questionnaire
- TYYÇ

Course Information
- Course Information
- Weekly Course Content
- Resources
- Assessment
- Course Category
- CONTRIBUTION OF COURSE LEARNING OUTCOMES TO PROGRAMME OUTCOMES
- ECTS credits and course workload

| | | | |
|---|---|---|---|
| | | lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 3. Week | The translation text – II :Basınç | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 4. Week | The translation text – III : Mıknatıslar | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 5. Week | The translation text – IV: Sürtünme | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 6. Week | The translation text – V : Mathematical Notation | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 7. Week | The translation text – VI : Standars of Lenght,Mass and Time | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 8. Week | Midterm Exam | (Written or test exam)Lecture | |
| 9. Week | The translation text – VII : Principle of Relativity | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 10. Week | The translation text – VIII : Atomic Spectra | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 11. Week | The translation text – XI : Photons and Electromagnetic Waves | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 12. Week | The translation text – X : X Ray Spectra | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 13. Week | The translation text – XI : Natural Radioactivity | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 14. Week | The translation text – XII : The Cosmic Connection | (Face to face lecture and the relevant part of the | |

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|---|---|---|---|
| | | course materials is translated by the students)Lecture | |
| 15. Week | The translation text – XIII : Conductors in Electrostatic Equilibrium | (Face to face lecture and the relevant part of the course materials is translated by the students)Lecture | |
| 16. Week | Final Exam | (Written or test exam)Lecture | |

## RESOURCES

| Recommended Sources |
|---|
| Kocaman, A., Aksoy, Z. Ve Boztaş, İ., (1989), İngilizce Çeviri Klavuzu, Arkadaş Kitabevi. |
| Söyler, Z. (1982),Tenses in English, Hilal Matbaacılık |
| Serway, R.A., Beichner, R.J., Jevett, J.W., (2000), Physics for Scientist and Engineers,Saunders College Publishing. |
| METU Department of Basic English (1987) Grammer Supplementary Material and Exercises, Ankara |

## ASSESSMENT

| Measurement and Evaluation Methods and Techniques | | |
|---|---|---|
| Midterm exam (40 %) and Final exam ( 60 %) | | |
| **In-Term Studies** | **Quantity** | **Percentage** |
| Mid Term Exam 1 | 1 | 40 |
| **Total** | 1 | 40 |
| **End-Term Studies** | **Quantity** | **Percentage** |
| Final Exam | 1 | 60 |
| **Total** | 1 | 60 |
| **Contribution Of In-Term Studies To Overall Grade** | | 40 |
| **End-Term Studies** | | 60 |
| **Total** | | 100 |

## COURSE CATEGORY

| Course Category | Percentage |
|---|---|
| Core Courses | % 100 |

## CONTRIBUTION OF COURSE LEARNING OUTCOMES TO PROGRAMME OUTCOMES

| Programme Outcomes | Contribution Level | DK1 | DK2 | DK3 | DK4 | DK5 |
|---|---|---|---|---|---|---|
| PY1 | 5 | 5 | 5 | 5 | 5 | 5 |
| PY2 | 3 | 3 | 3 | 3 | 3 | 3 |
| PY3 | 1 | 1 | 1 | 1 | 1 | 1 |
| PY4 | 3 | 3 | 3 | 3 | 3 | 3 |
| PY5 | 2 | 2 | 2 | 2 | 2 | 2 |
| PY6 | 4 | 4 | 4 | 4 | 4 | 4 |
| PY7 | 1 | 1 | 1 | 1 | 1 | 1 |

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|---|---|---|---|---|---|---|
| PY8 | 2 | 2 | 2 | 2 | 2 | 2 |
| PY9 | 5 | 5 | 5 | 5 | 5 | 5 |
| PY10 | 5 | 5 | 5 | 5 | 5 | 5 |
| PY11 | 3 | 3 | 3 | 3 | 3 | 3 |
| PY12 | 5 | 5 | 5 | 5 | 5 | 5 |
| PY13 | 3 | 3 | 3 | 3 | 3 | 3 |
| PY14 | 5 | 5 | 5 | 5 | 5 | 5 |
| PY15 | 1 | 1 | 1 | 1 | 1 | 1 |

*DK = Course's Contrubution.

| | 0 | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| **Level of contribution** | None | Very Low | Low | Fair | High | Very High |

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## ECTS CREDITS AND COURSE WORKLOAD

| Event | Quantity | Duration (Hour) | Total Workload (Hour) |
|---|---|---|---|
| Class Hours (14 weeks) | 14 | 2 | 28 |
| Final Exam Preparation | 1 | 12 | 12 |
| Mid Term Exam Preparation | 1 | 8 | 8 |
| Final Exam | 1 | 2 | 2 |
| Mid Term Exam 1 | 1 | 1 | 1 |
| | | **Total Workload** | 51 |
| | | **Total Workload / 25.5 (s)** | 2.00 |
| | | **ECTS Credit of the Course** | 2 |