

DEPARTMENT OF MATERIALS SCIENCE AND TECHOLOGY COURSE SYLLABUS

| Course Details | | | | | | | | |
|-----------------------------------|---|--|---|---------|-----|----------|--------|-------------|
| Code Academic Year Ser | | | | | | Semester | | |
| DEU121 1 | | | | | 1 | 1 | | 1 |
| Title T A L | | | | | | ECTS | | |
| Technical German I 2 0 | | | | | 0 | 2 | | |
| Language | German | German | | | | | | |
| Level | Undergraduate | Undergraduate X Graduate Postgraduate | | | | | e | |
| Department / Program | Materials Science an | Materials Science and Technology | | | | | | |
| Forms of Teaching and Learning | Face to face | | | | | | | |
| Course Type | Compulsory | | х | Electiv | e | | | |
| Objectives | To introduce stude comprehension and | | | | and | improv | ve the | eir reading |
| Content | to enable the students produce written work encompassing definition paragraphs summaries, descriptions (mechanism and process), and classification essays, maintaining unity and coherence. | | | | | | | |
| Prerequisites | | | | | | | | |
| Coordinator | None | | | | | | | |
| Lecturer(s) | Lecturer Selahaddin Soyudoğru | | | | | | | |
| Assistant(s) | None | | | | | | | |
| Work Placement | No | | | | | | | |
| Recommended or Required Reading | | | | | | | | |
| Books / Lecture Notes | related German resources Book: Technical German for education and business. Several learning books Several books in material science and know-how from internet | | | | | | | |
| Other Sources | German current scier | German current scientific articles and presentations | | | | | | |
| Additional Course Material | | | | | | | | |
| Documents | Basics of scientific work in materials science Introduction to materials science at the level of technical language research Successfully study materials science, German for materials science Introduction to technical language didactics Goethe Institute Introduction to technical language | | | | | | | |



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| | Duden specialist dictionary and German specialist lexicon Basics of scientific work in materials science Introduction to materials science at the level of technical language research Successfully study materials science, German for materials science Introduction to technical language didactics Goethe Institute Introduction to technical language Duden specialist dictionary and German specialist lexicon |
|-------------|---|
| Assignments | - |
| Exams | 2 Exams |

| Course Composition | |
|-----------------------------------|-----|
| Mathematics und Basic Sciences | % |
| Engineering | % 5 |
| Engineering Design | % |
| Social Sciences | % |

| Educational Sciences | % 5 |
|----------------------|------|
| Natural Sciences | % 20 |
| Health Sciences | % |
| Expert Knowledge | % 70 |

Assessment

| Activity | Ca | ount | Percentage (%) | |
|---------------------------|-------------|----------|-------------------|--|
| Midterm Exam | term Exam 1 | | 20 | |
| Quiz | | | | |
| Assignments | | | | |
| Attendance | | | | |
| Recitations | | | | |
| Projects | | | 20 | |
| Final Exam | | 1 | 60 | |
| | | Total | 100 | |
| ECTS Points and Work Load | | | | |
| Activity | Count | Duration | Work Load (Hours) | |



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| Lectures14Self-Study14Assignments13Presentation / Seminar Preparation1Midterm Exam1Recitations-Laboratory-Projects-Final Exam1 | 2 2 2 4 2 4 2 - - 2 - 2 2 | 28 28 26 4 2 - - - - - | | | | |
|---|---|---|--|--|--|--|
| Assignments13Presentation / Seminar Preparation1Midterm Exam1Recitations-Laboratory-Projects- | 2 4 2 - - - | 26 4 2 - - | | | | |
| Presentation / Seminar Preparation1Midterm Exam1Recitations-Laboratory-Projects- | 4 2 - - - | 4 2 - | | | | |
| Preparation1Midterm Exam1Recitations-Laboratory-Projects- | 2 - - - | 2 - - | | | | |
| Recitations - Laboratory - Projects - | - - - - | - - | | | | |
| Laboratory - Projects - | - | - | | | | |
| Projects - | - | | | | | |
| | | - | | | | |
| Final Exam 1 | 2 | | | | | |
| | | 2 | | | | |
| Total Work Load 64 | | | | | | |
| ECTS Points (Total Work Load / Hours) 2 | | | | | | |
| Learning Outcomes | | | | | | |
| 1 Physics, material science and biology stude | Physics, material science and biology students can learn approximately 350 technical words | | | | | |
| 2 Presentations in several technical branches | Presentations in several technical branches and improvement in presentation technique | | | | | |
| 3 Reading and hearing during teaching, cor subjects we learn, learning learning | Reading and hearing during teaching, corrections, explain with videosIntroduction, To get To know, which subjects we learn, learning learning | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |

| 8 | | | |
|----------------|--|--|--|
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| Weekly Content | | | |
| 1 | Introduction, To get To know, which subjects we learn, learning learning | | |



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4

DEPARTMENT OF MATERIALS SCIENCE AND TECHOLOGY COURSE SYLLABUS

| 2 | Technical | Technical words about material science | | | | | | |
|-------------|--|--|------------------|----|----|----|----|----|
| 3 | Technical | Technical words about material science | | | | | | |
| 4 | Technical | Technical words about material science | | | | | | |
| 5 | Technical | Technical words about material science | | | | | | |
| 6 | Technical | words about m | naterial science | 2 | | | | |
| 7 | Technical | words about m | naterial science | 2 | | | | |
| 8 | Tochnical | words about m | | | | | | |
| | | | | | | | | |
| 9 | Technical | words about m | naterial science | 5 | | | | |
| 10 | Technical | words about m | naterial science | 2 | | | | |
| 11 | Technical | words about m | naterial science | 5 | | | | |
| 12 | Technical | Technical words about material science | | | | | | |
| 13 | Technical | Technical words about material science | | | | | | |
| 14 | Technical | Technical words about material science | | | | | | |
| 15 | | | | | | | | |
| Contributio | ontribution of Learning Outcomes to Program Objectives (1-5) | | | | | | | |
| contributio | | | | | | | | |
| | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 |
| 1 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 2 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 3 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 7 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 8 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 9 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 10 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 11 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |



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| Contribution Level | 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High | | | |
|-------------------------|---|--|--|--|
| Compiled by: | Lecturer Selahaddin Soyudoğru | | | |
| Date of Compilation: | 07.09.2022 | | | |