

| | |
|---------------------|---|
| Department | VIII – Mechanical Engineering, Event Technology, Process Engineering / <i>Maschinenbau, Veranstaltungstechnik, Verfahrenstechnik</i> |
| Degree level | Bachelor's |
| Degree program | Business Engineering – Environment and Sustainability / <i>Wirtschaftsingenieur/in Umwelt und Nachhaltigkeit</i> |
| Type of instruction | Exercise |
| Credits | Winter semester 2.5; summer semester 5 |
| Availability | Offered over two semesters: first winter semester + then summer semester |
| Hours/week | 2h in winter semester; 4h in summer semester = 6h in total |

| | |
|-------------------------------------|---|
| Course number | B37 |
| English title / German title | Technical English / Technik-Englisch |
| Credits | Winter semester Business English 2.5; summer semester Technical English 5 – each semester combined with an extra assignment to reach the respective credit level |
| Instruction hours | 2 h/w Business English during the lecture period of the winter semester; 4 h/w Technical English during the lecture period of the summer semester |
| Subject coverage | English, interdisciplinary qualification |
| Learning objectives / Competencies | To provide students with a good basis of technical English, including grammatical structures, vocabulary, terminology, special topics, verbal communication, i.e. use of English in daily situations pertaining to business and technical matters. To improve and broaden students' knowledge of technical English, including grammatical structures, vocabulary, terminology, special topics, verbal communication |
| Requirements | Recommended level of English: Level B1 in line with the Common European Framework of Reference for Languages |
| Level | Second semester of the degree program |
| Type of course | Reading, discussions, exercises, presentations |
| Status* | Required elective course |
| Semester when offered | Begin (2h) in the winter semester, continued (2h) in the summer semester |
| Assessment of performance | Written or oral examination or term paper with presentation. The modalities of performance assessment are provided in an understandable written manner within the course registration period. |
| Determination of the grade | Written or oral examination 100%; or term paper with presentation, each 50%. |
| Recognition of alternative courses* | Course with similar contents |
| Contents | <ul style="list-style-type: none"> • Review of basic grammar structures; present/past; continuous tenses; present perfect; passive language usage, expressing opinions, making suggestions, agreeing/disagreeing • Basic technical vocabulary, process engineering, plant design, mechanical engineering, civil engineering, marketing, production, machine construction, machine components, availability and reliability. • Relevant topics, such as renewable energy/environmental issues; telecommunications; computers; environmental technology, recycling technology, simulation techniques, environmental compatibility, etc. • Topics will include: management, work and motivation, recruitment, business and ecology, as well as technical related topics: structures, materials, designs, safety at work, problem solving, performance and progress, computers. • Relevant skills, such as project planning, meetings, negotiations, letter writing, telephoning will be taught and practiced. |

| | |
|---------------------|------------------------------------|
| Literature | To be announced in class |
| Further information | This course is offered in English. |

* Only relevant for Beuth students enrolled in a degree program