BALIKESIR UNIVERSITY

FACULTY OF ENGINEERING
UNIVERSITY ELECTIVE COURSE PRESENTATION FORM

Department	Civil engineering		
Course Name	Technical English		
Course Term	**Autumn** ■	**Spring** ☐	
Course Language	**Turkish** ■	**English** ☐	
Course Credit	**Theoric** 2	**Practice** 0	**Total Credit** 2
Course ECTS	**3**		
Course Education Type	Formal education		
Course Objective	Learning of the fundamental concepts and expressions in Algebra, Geometry and Physics which constitute the basic sciences. Comprehension and interpretation of the relevant English texts. Expression of the ideas and principles encountered in these basic sciences in English language.		
Course Content	Fundamental concepts and expressions in Algebra, Geometry and Physics which constitute the basic science		
Course Precondition	No		
Course Instructors	Yabancı Diller Bölümü Öğretim Üyeleri	**E-mail:**	
Course Assistants		**E-mail:**	
Course Internship Status	**No**		
Course Sources	TEKNİK İNGİLİZCE I Genişletilmiş 4. Baskı , Prof. Dr. M. Şükrü GÜNEY, Dokuz Eylül Üniversitesi Mühendislik Fakültesi Yayınları No:287, İzmir, 2011, 149 sayfa		
Course Structure			
Planned Learning Activities and Methods	Theoretical presentation, practice and research presentations.		

Course Evaluation Criteria			**Course ECTS Calculation Content**			
Semester Studies	**Number**	**Part (%)**	**Activity**	**Number**	**Duration**	**Total Workload (Hours)**
Midterm	**1**	**40**	**Course Duration**			
Quiz			**Study Time Out of Class**			
Assignment			**Midterms**			
Attendance			**Final Exam**			
Practice			**Total Workload :**			
Project			**ECTS Credit :**			
Final Exam	**1**	**60**				

Learning Outcomes of the Course	Comprehension of the English texts concerning these basic sciences Interpretation of the English texts concerning these basic sciences to relate the basic sciences with Civil Engineering Applications

	to state the basic concepts and principles of the basic sciences in English language. to acquire the required background in order to understand the courses and applications related to the Civil Engineering profession

Course Topics			
Week	**Topic**	**Preliminary**	**Documents**
1	Numbers and functions		
2	Graphs, Curves, Limits		
3	Derivative, Integral		
4	Exponents, Series, Lines, Angles		
5	Triangles, Circles, Polygons, Square		
6	Midterm		
7	Midterm		
8	Rectangle, Parallelogrami Ratio, Proportion, Locus		
9	Inequalities, Indirect Reasoning		
10	General Laws of Motion		
11	Friction, Torques, Equilibrium of Rigid Bodies		
12	Circular Motion, Work, Energy, Power		
13	Circular Motion, Work, Energy, Power		
14	Linear and Angular Momentum, Vibrational Motion		

Contribution of the Course to Program Outcomes	