Course Name	Course Code	Semester	T + P	Credit	ECTS
Introduction to Computer Engineering		1	2 + 2	3	6

Prerequisite Courses	None

If the language of Code	Turkish
Course class	Compulsory
If the Coordinator of Code	
Instructor	
Assistant Course	No
Objective of Course	This course is intended to help students understand the concepts necessary for designing an intended program.
Course Learning Output	**The students completed the course:** • Gain the ability to use the techniques and modern tools necessary for engineering applications. • Gain the ability to design a system, piece, or process that meets desired requirements.
Contents Course	Presentation of basic computer programming knowledge using the C / C ++ programming language.

Weeks	Topics
1	C Programming Language Overview and Compiler Usage
2	Dictionary Elements, Operators And C System
3	Basic Data Streams and Control Flow
4	Functions and Recursion
5	Arrays, Pointers
6	Pointers and Strings
7	Bit Operators, Counting Tables and Preprocessor
8	MIDTERM
9	Structures and Unions 1 (Structures)
10	Structures and Unions 2 (Unions)
11	Structures And List Processing, Linear Link Lists, Stacks
12	Structures And List Processing, Queues, Binary Trees
13	Input / Output and Operating System
14	Reviewing Summarized Topics
15	FINAL EXAM

General Sufficiency
Understanding the structure of any given problem and designing the algorithm that will provide the best solution to this problem and implement this algorithm in the most accurate way using the C programming language.
References
• C Programlama Dili, Rifat Çölkesen, Papatya Yayıncılık Eğitim, 2005, ISBN : 9756797037 • A Book on C, Al Kelley ve Ira Pohl, Addison Wesley, ISBN : 0201183994 • C How To Program 4th Edition, Deitel & Deitel, Prenhall, ISBN : 0131426443
Assessment
Midterm: 40% Final exam: 60% of the project or assignment can be made and announced at the beginning of the semester evaluations.