|  |  |
| --- | --- |
| **NO** | **OUTCOMES OF THE COMPUTER ENGINEERING PROGRAM** |
| 1 | Adequate knowledge of mathematics, science and Computer Engineering; ability to practice theoretical and practical knowledge of these areas into modeling and solving problems of Computer Engineering |
| 2 | Ability to identify complex engineering problems in Computer Engineering and related fields, for this purpose having skills to formulate, select and apply appropriate methods. |
| 3 | Having skills to apply modern design methods to design a complex system, equipment or product that should work under realistic conditions and constraints and satisfy specific requirements concerning the Computer Engineering. |
| 4 | Having skills to develop, select and apply modern techniques and tools needed for Computer Engineering applications, skills to use information technology effectively. |
| 5 | Skills to design and conduct tests, collect data, analyze results, and interpret data for the experimental investigation of Computer Engineering problems |
| 6 | Ability to function effectively as an individual and as a member of teams within the discipline and in multidiscipline areas. |
| 7 | Communicating effectively in oral and written form both in Turkish and English. |
| 8 | Awareness of the necessity of lifelong learning, access to information, monitoring developments in science and technology and the ability to self-renewing |
| 9 | Understanding of professional and ethical responsibility |
| 10 | Information on project management, change management and risk management practices, awareness on entrepreneurship, innovation and sustainable development. |
| 11 | Information about universal and societal effects of engineering applications on health, safety and environment; awareness of the legal consequences of engineering solutions. |