



Engineering Ethics

Prof. Dr. Majed H. Majeed



Ethics of the Engineers according to the Ethics of practicing the profession

1. Self-Commitments
2. Obligations to the employer
3. Obligations to peer co-workers
4. Professional obligations

Obligations To Peer Co-Workers

1. The engineer must not allow the printing, transfer, circulation, or use of information, reports, designs, and outputs unless he obtains the approval of the property owners.
2. He must not exploit his position and relationships to benefit from his colleagues' intellectual rights for commercial or academic purposes on his own account

Obligations To Peer Co-Workers

3. He must not be isolated from his colleagues participating in a business in terms of the benefits and returns that accrue from ownership, and he must give everyone his right
4. He must give confidence and praise the work of the others as they deserve.
5. The engineer must explicitly indicated the names of those with achievements and innovations, including creators, implementers, and authors, acknowledge to him and to the engineering profession.

Obligations To Peer Co-Workers

6. The engineer must give the opportunity to his colleagues to participate in training and development courses.
7. He must impart experience, knowledge and skill without discrimination.
8. He must support the development of the capabilities of colleagues through associations, unions, or other means.

Obligations To Peer Co-Workers

9. He should take advantage of electronic communication networks and technologies to exchange information and coordinate positions regarding professional and scientific matters.

10. To participate in creating a website that facilitates for other colleagues to benefit from his experiences and capabilities and to view his activities, publications, and scientific and professional participation.

Obligations To Peer Co-Workers

11. The expert must invest his experience and information in undertaking the main engineering tasks.

12. The engineer must not attempt to pay or receive any benefit or commission to gain or ensure an advantage when competing with another colleague.

Professional obligations

1. The engineer must have a firm belief in the value and importance of his engineering specialty in building and developing society and providing a comfortable living for its members.
2. To feel that he is part of the engineering community and that the honor and reputation of the profession represents his honor and reputation

Professional obligations

3. Commitment to professional ethics. Consolidation of its values, and behavior befitting the honor of the profession
4. Not to offend the dignity of the profession and act as a professional and respectful person for himself and his profession in the following cases:
 - (a) When negotiating, discussing and defending his engineering works.
 - (b) Not to engage in practices that may affect the quality of work performed.

Professional obligations

5. Spreading the culture of applying professional ethics and values related to practicing the profession and supporting this with all his ability and in all fields.
6. Take responsibility for representing the profession and participating in public dialogue and discussion concerning the profession.
7. Supporting and improving the image of the profession, clarifying the rules of proper professional conduct, and favoring self-interest.

Professional obligations

8. The engineer must practice his work within the specialization he acquired through his academic studies and experience from his practical practice.