



برنامج هندسة الاتصالات و الشبكات

Graduate Specifications for Communications and Networks Engineering Program

1. Able to identify, formulate and solve communications and networks engineering problems, in a systematic scientific manner using mathematical and basic engineering sciences.
2. Use efficient methodologies, techniques and appropriate tools to design, implement, and test the performance of various types of electronic circuits, digital communication systems, switching, routing and wireless networks.
3. Use computer simulation tools, and software packages in design and analyzing different communication systems and networks for modern communications applications.
4. Contribute to the society development by proposing industrial projects that introduce Competitive improvement of local industry.
5. Understand the professional and ethical responsibilities, with enhanced critical thinking, and different long-life learning techniques capabilities.
6. Understand the Installation and configuration techniques of different communication systems and wireless networks
7. Analyze and discover errors and problems in communication and network systems with formulation and interpreting ideas in a specialized technical reports.
8. Demonstrate high levels of technical competence in the field network security and protection, and recommendations for communications systems for different applications.
9. Communicate and work within a multidisciplinary team of engineers and technicians in different disciplines, demonstrating professional leadership, quality, and business skills.