

# Engineering College

## Bachelor OF Electrical Engineering



جامعة الجوف  
Jouf University



| Program          | Bachelor of Electrical Engineering                                                                                                                           |                         |                       |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|
| Program Features | <ul style="list-style-type: none"><li>• An academic program that awards a Bachelor's degree from the university.</li><li>• Study duration: 5 years</li></ul> | Number of Credit Hours  | 165 hours             |
|                  |                                                                                                                                                              | Program Delivery Method | On-campus – Full-time |
| Program Schedule | Morning                                                                                                                                                      | Language of Instruction | English               |
| Program Overview |                                                                                                                                                              |                         |                       |

The Bachelor of Electrical Engineering program is carefully designed to cover the fundamentals of mathematics and physics, principles of electrical engineering, power systems, electronics, and communications. The program emphasizes practical application through specialized departmental laboratories covering various fields of electrical engineering. The curriculum keeps pace with the latest technological advancements and scientific developments to ensure the graduation of engineers capable of competing in the labor market.

| Target Groups                                                                           | Targeted Job Roles                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• High school graduates (Science track)</li></ul> | <ul style="list-style-type: none"><li>• Electrical Engineer in power and renewable energy systems.</li><li>• Electronics and Communications Engineer.</li><li>• Control and Automation Engineer.</li><li>• Engineer in the automotive, aerospace, and defense industries.</li><li>• Industrial Engineer or in manufacturing and semiconductors.</li><li>• Engineer in consulting and engineering services or construction and infrastructure sectors.</li></ul> |

### Beneficiary Sectors

All entities working in power and renewable energy, electronics and communications, control and automation systems, industrial engineering and manufacturing, automotive, aerospace and defense sectors, information technology, research and development, consulting and engineering services, construction and infrastructure, semiconductor industry, healthcare equipment and medical technologies, robotics and artificial intelligence, in addition to education and academia.