



Consistency with National Qualifications Framework — (Level 6 - Bachelor's Degree or Equivalent).

Institution: University of Tabuk

College/Institute: Faculty of Engineering

Qualification awarded (according to Graduation Certificate): Bachelor of Science in Electrical Engineering

The NQF-KSA constitutes a comprehensive and uniform structure for building, organizing, and categorizing qualifications into levels based on learning outcomes. Furthermore, it is a functional tool to bridge recognized national or international qualifications; (Educational and Training), with the levels of the National Qualifications Framework in Saudi Arabia.

For further information, refer to the ([National Qualifications Framework](#)).

A. Qualification Details:

Institution:	University of Tabuk	
College/Institute:	Faculty of Engineering	
Program Qualification (according to the Graduation Certificate)	Bachelor of Science Electrical Engineering	
Qualification Name	<input checked="" type="checkbox"/> Bachelor's degree <input type="checkbox"/> Higher Diploma <input type="checkbox"/> Professional Master <input type="checkbox"/> Applied Master	<input type="checkbox"/> Equivalent: (specify)
Area of specialization (According to Saudi Standard Classification of Educational Levels and Specializations)	Engineering, Manufacturing and Construction	
Qualification Type	<input checked="" type="checkbox"/> Academic <input type="checkbox"/> Vocational	<input type="checkbox"/> Applied <input type="checkbox"/> Technical
Qualifications Types by Dominoes:	<input checked="" type="checkbox"/> Primary Qualification	<input type="checkbox"/> Additional Qualification
Major track/pathway (if any)	NONE	

(*) "Or equivalent" means qualifications that are equivalent to qualifications in terms of **level**, may have the same name, but their type varies (academic - research - professional - applied technology) or have another name, but they meet the requirements of the **level**.

B. Early Exit Points for Educational and Training Programs:

Intermediate Exit Point	<input type="checkbox"/> Available	<input checked="" type="checkbox"/> Unavailable
Description of the Early Exit Point in the Program	NA	
The Level of the Awarded Qualification	Choose Qualification level	
Qualification Awarded at the Exit Point (According to Graduation Certificate)	NA	

Early Exit Points: Qualifications that mediate long-term educational or training programs, obtained by the learner or trainee from an awarding body if he or she achieves the target learning outcomes and the qualification placements required for a specific level. This awarded qualification does not correspond to the program's initial qualification it offers.





C. General Requirements for Qualification Placement

1. Official Approval			
The awarding institution granted official approval from the relevant education or training authority.		<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> Not applicable
WebLink: Letter of Establishment (AR) WebLink: Letter of Establishment (Eng)			
2. Stakeholder Engagement			
The qualified programs are designed and reviewed with the participation of Stakeholders, employers and field experts.		<input checked="" type="checkbox"/> Applicable	<input type="checkbox"/> Not applicable
3. Qualification Objectives			
<ol style="list-style-type: none"> Produce competent Electrical Engineers. Inculcate moral values and professionalism among students. Engage students in community services. Empower graduates to contribute towards economic prosperity of the country. 			
4. Qualification Title		Bachelor of Science in Electrical Engineering	
5. Qualification Components:			
Item	Requirements according to NQF	Program	Level of Compliance (To be completed by NCAAA Consultant)
Minimum credit hours (units) required	<ul style="list-style-type: none"> Completion of a minimum of (120) credit hours (units) for Bachelor's qualification or equivalent. Completion of a minimum of (24) credit hours (units) including advanced courses on a specific academic or vocational specialty after a Bachelor's Degree 	The program structure satisfies institution, college and program requirements through various courses in addition to capstone course and internship programs. The graduation requirement is the completion of 67 courses by achieving a total of 164 credit hours in Academic Year 2023-24 (1445H), Two Semester System.	<input checked="" type="checkbox"/> The program meets the minimum of credit hours required.
Program duration (Minimum number of years)	<ul style="list-style-type: none"> The study duration to obtain the qualification is usually four years or a minimum of three (3) years for Bachelor or equivalent. The study duration to obtain the qualification is one full-time year or equivalent. 	The bachelor of Electrical Engineering program is administered in a span of 5 academic years, each with 2 semesters, totaling to 10 levels (semesters).	<input checked="" type="checkbox"/> The program meets the minimum duration required in years.
Minimum Actual (contact) hours	1800 contact hours for Bachelor's degree.	The program structure satisfies completion of 64 courses by achieving a total	<input checked="" type="checkbox"/> The program meets the minimum actual (contact) hours required.





	24 contact hours for Higher Diploma, Professional Master and Applied Master.	contact hour of 3150 in a two-semester system.	
Enrollment conditions (According to NQF)	- Obtaining a Secondary education qualification or equivalent. - Obtain a bachelor's degree or equivalent.	The program enrolls the students who obtained a Secondary education qualification or equivalent.	<input checked="" type="checkbox"/> The Program meets the minimum requirements for students' enrolment at level 4 qualification.

6. Learning Outcomes Assessment:

1. Learning Outcomes

Code	Program Learning Outcomes (PLOs)	NQF Level Descriptors of Learning Outcomes – Level 6
1	Knowledge and understanding	
k1	Demonstrate knowledge and comprehension with both breadth and depth in the underlying theories, principles, and concepts of electrical engineering and science.	Broad in-depth integrated body of knowledge and comprehension of the underlying theories, principles, and concepts in one or more disciplines or field of work.
2	Skills	
S1	An ability to identify, formulate, and solve complex engineering problems by applying principles of electrical engineering, science, and mathematics.	Apply integrated theories, principles, and concepts in various contexts, related to a discipline, profession, or field of work Solve problems in various complex contexts in one or more disciplines or fields of work
S2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	Use critical thinking and develop creative solutions to current issues and problems, in various complex contexts, in a discipline, profession or field of work
S3	An ability to develop and conduct appropriate experimentation, analyze, and interpret data, and use engineering judgement to draw conclusions.	Carry out various complex practical tasks and procedures related to a discipline, professional practice, or field of work.
S4	An ability to communicate effectively with a range of audiences.	Communicate effectively to demonstrate theoretical knowledge comprehension and specialized transfer of knowledge, skills, and complex ideas to a variety of audiences
3	Values, Autonomy and Responsibility	
V1	An ability to recognize ethical and professional responsibilities in engineering	Demonstrate commitment to professional and academic values, standards, and ethical



Code	Program Learning Outcomes (PLOs)	NQF Level Descriptors of Learning Outcomes – Level 6
	situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	codes of conduct, and represent responsible citizenship and coexistence with others
V2	An ability to function effectively on a team, whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	Collaborate responsibly and constructively on leading diverse teams to perform a wide range of tasks while playing a major role in planning and evaluating joint work
V3	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	Effectively plan for and achieve academic and/or professional self-development, assess own learning and performance, and autonomously make decisions regarding self-development and/or tasks based on convincing evidences

2. Learning Outcomes Assessment

Transparent and measurable evaluation criteria are implemented to ensure that Learning Outcomes have been achieved in the academic/training programs.	<input checked="" type="checkbox"/> Available	<input type="checkbox"/> Unavailable
WebLink: BSc EE Learning Outcomes WebLink: PLOs Assessment Report 2023-2022		

