المملكة العربية السعودية
وزارة التعليم
جَامِعَةُ أمّ القُرىٰ

Executive plan for the College of Engineering in Al-Qunfudhah for the year

1442-1443 AH

Vice Deanship of Development and Quality

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِيْمِ

In the name of Allah, the Beneficent, the Merciful

Introduction

Strategic planning determines exactly where the college is going over the next few years and how it will get there. A strategic plan is a coordinated and systematic way to develop the path and direction of the college.

Working in accordance with the quality and accreditation standards of international educational institutions requires the creation of a well-defined strategy to achieve what the college seeks. Therefore, we seek with the team of the college to provide a distinguished academic environment that elevates the college and its outputs to the ranks of distinguished colleges locally and internationally, recognizing that hard work and efforts joined and based on plans that each member of the college.

Accordingly, we continue to work, God willing, in accordance with the strategic plan 1441-1442 AH, which was prepared at the college of Engineering in Al-Qunfudah, and continue to activate some of what is achieved and avoid the problems that touched the construction of a new plan for the new year, which was based on several indicators, as follows:

- The strategic plan of the college is in line with the directives of Umm Al-Qura University and the vision of the Kingdom of Saudi Arabia 2030.
- The strategic and operational plan for 1441-1442 AH and taking advantage of the difficulties in applying some of its elements and using some objectives in case of non-completion and addition, if any.
- Student and faculty satisfaction surveys about the educational process.
- Student Results Analysis Reports Course Reports College Workshops for the current year.
- Minutes of the College Council and the Councils of Scientific Departments.
- Consistency of the college's strategic plan with the requirements of the labor market coherence.
- Setting strategic goals, identifying those responsible, and tools to measure success and how long to achieve them.
- Therefore, the college administration seeks to cultivate a culture of mastery and quality, create a spirit of cooperation and teamwork among its employees and establish infrastructure for quarterly activities that emanate from the strategic plan of the college.

Vice Dean of the College of Engineering in Al-Qunfudhah for Development and Quality

Dr/ Naif bin Ibrahim Al-Harbi

A Brief History of the College

The college of Engineering at um Al-Qura University branch in Al-Qunfudha Governorate was established in 1432 AH, with the wise vision of the guardians of the Order, and by a noble order of the Custodian of the Two Holy Mosques with the aim of graduating engineers with scientific know-how and high practical skills in engineering disciplines required for the Saudi and regional labor market.

The College aims to give a bachelor's degree in the following disciplines: Construction Engineering, Industrial Engineering, Electronics and Communication Engineering, and Environmental Engineering.

The actual study in the specialization of construction engineering at the college began in the academic year 1433 AH. While the actual study in the specialization of industrial engineering began in the college in the academic year 1434 AH.

The college is equipped with the latest laboratory equipment and teaching aids, as well as the study plans of the academic departments of the college are built according to:

- Modern global technological developments and labor market needs.
- Standards of the American Commission for Academic Accreditation for Engineering and Technical Disciplines. (ABET)
- Standards of the Saudi National Commission for Academic Accreditation and Evaluation. (NCAAA)

The equipment and study plans allow graduates to obtain a high-level education that enables them to compete in the local and regional labor market, as well as to pursue their postgraduate studies at prestigious international universities.

The study plans also aim to enable graduates of this college to pass the professional tests of engineers such as FE and PE.

College Vision

A distinguished college in the field of engineering education and community service at the local level.

College Mission

Provide a high level of engineering education and training, and provide possible services for the benefit of society.

Values

1) "The Cradle of the Eternal Heavenly Message and the Arabic Language", a belief and heritage that we preserve.
2) An Islamic approach to the stability and rapprochement of nations and the service of humanity in the era of globalization.
3) Total quality is the first choice and the basis of sustainable development.
4) Adopt the continuing education curriculum.
5) Commitment to serve the community, and take responsibility for meeting its needs.
6) Cooperation and communication with government bodies, national and international universities and the private sector.
7) Commitment to creating the best learning environment for teaching and training students in scientific research.
8) Develop skills and abilities, explore and support talented people with special needs.
9) Commitment to take responsibility towards the community, and contribute to providing the best support services to Makkah and the Holy Sites and those coming to them.

Objectives of the College

To translate the mission of the college into reality, the college is keen to achieve the following objectives:

- Prepare highly qualified engineers in various engineering fields, able to meet the needs of the labor market in the governmental institutions and industry sectors, pursue their graduate studies, and adapt to the development of technologies in order to keeping up with the needs of humanity and contemporary engineering sciences.
- Provide continuous education to the community, and disseminate engineering knowledge in the public and private sectors through short courses, workshops and conferences, and provide consultancy and lectures.
- Conduct scientific research in order to disseminate knowledge in various engineering and scientific fields, and find engineering solutions to the problems faced by the public and private sectors.

Objectives of the College

Features of the strategic plan of the Faculty of Engineering for the year 1442-1443 AH

Strategic Plan Criteria

The college designs the appropriate operational plan to implement its strategy. The following factors are taken into account in this regard:

- Objectives to be achieved
- Description of the initiative
- Implementation Mechanisms
- Responsibilities
- Scheduling
- Performance measure indicator

The strategic and executive plan of the College of Engineering in Al-Qunfudhah was approved by the College Council No. (3) for the academic year 1443 AH.

Strategic plan paths

- The first path: Education and Student Affairs
- The second path: advancing scientific research
- The third path: human resources and training
- Fourth path: Development and Quality
- Fifth path: Social Responsibility and Volunteerism

The first path: Education and Student Affairs

	Main Strategic Objective	Sub-strategic objectives	Initiative Number	Initiative	Performance Measurement Index	Implementation period (according to semester numbers)		Entity responsible for implementation
						From	To	
1	Creating an educational environment that is attractive to students that supports faculty members and provides a distinguished education in line with the requirements of the market	Improve the efficiency of faculty members and students and developing their educational skills through training and qualification to provide distinguished education.	1	Cooperative Training	Signing some contracts with companies and government departments with a distinguished training environment	423	462	Academic Affairs Representative
					Forums to prepare current and new faculty members at the beginning of each semester	423	463	Deanship of Development and Quality, Heads of Departments
			2	initialization	A forum for new students in the beginning of each academic year to introduce the specializations of the college	423	461	Deanship of Development and Quality
					A forum for students at the beginning of each academic	431	461	Deanship of Development and Quality, Heads of

				year for the optimal use of e-learning (webex and blackboard)			Departments
				A forum at the beginning of each semester for the mechanisms of exams, assignments and assessment for students	431	463	Exams Committee
				A workshop at the beginning of each semester for the skills of writing graduation projects and evaluation systems	431	463	Graduation Projects Committee
				A workshop at the beginning of each semester for health and safety in academic laboratories for students	431	463	Deanship of Development and Quality
		3	Lecture Bank	Completion at least 80% of the study materials on the college's internal website	422	463	Vice dean, Heads of Departments
	Develop students' knowledge and skills by	4	Guide me " Arshednee"	Activating the process of academic and social	422	463	Vice Deanship of Academic Affairs

applying academic guidance and taking care of talented students to qualify them for the market requirements	5	Giftedness and Creativity " Mawhoob "	Establishing a committee to identify, attract and taking care of talented students	423	463	Vice Deanship of Development and Quality
Providing laboratories equipped with the required materials and technologies and developing educational programs that suit the needs of the market and Vision 2030	6	Advanced Curriculum	Activate the role of the Curriculum and Study Plans Committee to work on updating the curricula and study plans and focus on the Department of Electronics Engineering to do these tasks.	422	463	Curriculum Development Committees
	7	Modern laboratories	Implementation of a plan to rehabilitate all laboratories of the departments and provide them with modern technologies suitable for distinguished practical education.	422	463	Heads of Departments, Laboratory Committees.

			8	Modern Lab Manual	Completion at least 80% of the Laboratory guidance of college course for all departments and uploading it on the college's internal website	422	463	Heads of Departments.
			9	Lab Safety Rules and Guidelines	Completion of the preparation of the occupation safety and health manual in academic laboratories	423	462	Vice Deanship of Development and Quality, Laboratory Committees.
2	Improving the level of educational affairs and students	Prepare the Courses Description and uploading that electronically	10	Updating and developing references for course descriptions	Accomplish this at the end of the semester 431	431	461	Vice Deanship of Development and Quality, Heads of Departments.
		Valedictorian students' ceremony	11	competitive environment	To held a competition for academic excellence for faculty members for its second year	422	461	Vice Deanship of Development and Quality
		Graduation Projects Competition	12		The ceremony is held at the end of each academic year	422	462	Vice Deanship
		Annual competition	13		The competition	431	461	Vice Deanship of

		for academic excellence for faculty members			is held in the middle of the first semester of each academic year			Development and Quality
3	Activating the role of students for social participation	Engineering Student Volunteer Club Support	14	Student Activities	Supporting student clubs at the beginning of each semester by cooperating with the Student Affairs department, and arranging programs at each semester for students and social work.	431	461	Dean of the College, Vice Deanship of Development and Quality
		Engineering Students Club Support	15			422	461	The Vice deanship for Educational and Academic Affairs
		To held various activities for students (trips, training courses, sports competitions ....)	16			423	461	The Vice deanship for Educational and Academic Affairs
		Supporting students to obtain credited volunteer hours	17	Certified volunteer program	At least 30 students have obtained approved volunteer hours	422	463	Vice Deanship of Development and Quality
4	Improve internal processes	Develop and review policies, procedural manuals and structuring in order to achieve transparency and raise the level of performance	18	Structural Development	Updating the organizational and functional structure, reviewing and updating the manuals and internal executive regulations	422	463	Dean and vice dean of the college

					for the departments in line with the new restructuring of the university			
		Recruiting technicians to college laboratories	19	Recruiting technicians	Attracting lab technicians and training them on experiments according to the instructions prepared in the lab manual	431	463	Dean of the college, The Vice deanship for Educational and Academic Affairs
		Establishing the internal website	20	flexibility	Establishing an internal website for the college website that contains all the data (college layout, member information etc..)	423	463	Website development committee, Vice Deanship of Development and Quality
5	Infrastructure and technology improvement	Occupational Safety and Health Manual in Academic Laboratories	21	Lab safety	Writing the college's occupational safety and health manual in the laboratories, and obligating students to attend workshops in this regard, while fully adhering to	423	463	Vice Deanship of Development and Quality , Lab Committee

					the instructions.		
		Develop and improve the infrastructure to become smart, healthy and attractive.	22	Smart Environments	Digital transformation of all procedures and processes to ensure service quality and raise performance efficiency in line with local and international standards and to achieve the university's initiative "Transformation into a Paperless University".	423	463	Dean and vice dean of the college, Vice Deanship of Development and Quality, Heads of Departments.
6	Expanding the partnerships between the university and the three sectors and spreading a culture of innovation and entrepreneurship.	Completion of partnerships and agreements with various sectors regionally and internationally to raise the university's ranking globally, improve the educational process and develop scientific research	23	Regional and global partnerships	Establish partnerships with regional and global universities and research centers (at least one partnership) to activate and develop the academic program to achieve the university's initiative "Regional and Global Partnerships".	431	463	Vice Deanship, Vice Deanship of Development and Quality.
		Developing the	24	creativity	To held workshops,	421	461	Vice Deanship,

		infrastructure for innovation and entrepreneurship through the establishment of specialized laboratories and training students in them and awareness regarding patents and industrial products of the college			courses and seminars to raise awareness of the concept of intellectual property			Vice Deanship of Development and Quality.

The second path: advancing scientific research

	Main Strategic Objective	Sub-strategic objectives	Initiative Number	Initiative	Performance Measurement Index	Implementation period (according to semester numbers)		Entity responsible for implementation
						From	To	
1	Developing scientific research and improving its outputs	Determining research priorities for the university, establishing research centers, chairs and laboratories, and supporting and encouraging distinguished scientific publishing to provide an attractive, active and supportive environment for scientific research.	25	qualitative scientific research	Raising the efficiency of scientific research at the university by setting research priorities that serve the department and the community and building the research movement in the department	422	463	Vice Deanship of Development and Quality, Heads of Departments
		Held a meeting with Prof. Mohammed Al-Nahas to build the competitive spirit and activate joint research between departments, faculty	26	Encouraging to scientific publishing and applying for distinction awards	Increasing the percentage of faculty members participating in scientific publishing individually or as a group compared to the previous year 1442 AH	422	463	Vice Deanship of Development and Quality, Heads of Departments

		members and students.					
		Developing and bringing laboratories to serve development in the field of scientific research	27	research laboratories	Communicating with the university to obtain contracts for sharing in modern devices that help faculty members to complete their scientific research	422	463	Vice Deanship, Vice Deanship of Development and Quality.
		Completion of linking students' graduation projects to the college labs	28	Pilot projects	Connecting at least 25% of student projects to the college labs	422	463	Graduation Project Committees
		Encouraging faculty members to scientific publishing	29	Quantitative scientific research	Increasing the number of researches under the name of the college compared to the previous year 1442 AH	423	463	Vice Deanship of Development and Quality.
2	Advancement of industrial and consulting relations at the college	Student visits to industrial companies	30	Maximizing companies' visits	5 visits during the academic year to companies with high manufacturing quality	423	463	
		Agreements with companies and individuals for consulting work and	31	Self-resources by consulting contracts and research chairs	Obtaining a consultancy contract or agreement for one or more research chairs during	422	463	Dean of the college, The Vice deanship for Educational and Academic Affairs

		research chairs			the academic year		
3	Developing scientific research resources in the college	Improving the efficiency of supporting tools to enhance research in the college (college library, establishment of supporting databases)	32	Developing learning resources for scientific research	Providing the college library as a hard and soft copy of a distinguished group of distinguished scientific research journals and recent books.	422	463	Vice Deanship for Scientific Research, Vice Deanship of the college.
		Encouraging faculty members to submit student projects to the "Himma Research and Graduation Projects" platform	33	Intellectual Property Rights	Upload at least 25% of graduation projects to the platform.	421	463	Vice Deanship of Development and Quality

The third path: human resources and training

	Main Strategic Objective	Sub-strategic objectives	Initiative Number	Initiative	Performance Measurement Index	Implementation period (according to semester numbers)		Entity responsible for implementation
						From	To	
1	Paid educational programs	Expanding the provision of paid postgraduate programs in line with the needs	34	Paid Master's Programs	Activation of the master's program for the Department of Constructio	422	463	Head of construction engineering department.

		of the market			n Engineering			
					Establishment and activation of a master's program for the Department of Industrial Engineering	422	463	Head of Industrial Engineering Department.
		Combined year - to enter the college of Engineering for students who did not succeed in the final admission and they are listed in the waiting list.	35	Paid joint year	Joining the evening joint year programs of the College of Engineering in Al-Qunfudhah at the beginning of the academic year 1443-1444e	423	463	Vice Deanship of Development and Quality, Heads of Departments
		Expansion in the provision of paid diplomas in line with the needs of the market.	36	Paid Professional Diplomas	Accomplishing at least a diploma program for each department of the college	432	463	Training and Resourcing Committee
2	Paid training programs	Preparing and activating a platform on the college website for the training programs offered on a on each semester	37	Training course platform	Establishing and fully activating the training platform by the end of the second semester of 1443 AH.	432	462	Vice Deanship of Development and Quality, Training and Resourcing Committee
		Work on attracting and	38	Recruiting for training	Recruiting at least three	423	463	Vice Deanship of Developmen

		partnering with high qualified Freelancers			trainers from outside the college			t and Quality, Training and Resourcing Committee.
		Contracting with the College of Community Service to approve the courses offered by the college	39	Training accreditation	Obtain accreditation for a minimum of 5 courses offered by the College.	423	463	Training and Resourcing Committee
3	Service units for students	Cold fast-food machines prepared in advance for college employee.	40	snacks machine	Obtaining the university's approval for the bidding and completing it by the end of 1442 AH.	432	463	Vice Deanship of Development and Quality, Training and Resourcing Committee
		Machine for drinks inside the college	41	coffee machine	Obtaining the university's approval for the bidding and completing it by the end of 1442 AH.	432	463	Vice Deanship of Development and Quality, Training and Resourcing Committee
			42	Automatic machine for drinks	Obtaining the university's approval for the bidding and completing it by the end of 1442 AH.	432	463	Vice Deanship of Development and Quality, Training and Resourcing Committee
		Rechargeable card printing machine for students	43	Curriculum and Study Plans Committee	Obtaining the university's approval for the bidding and completing	432	463	Vice Deanship of Development and Quality, Training and

							it by the end of 1443 AH.			Resourcing Committee
		Lockers for college students to save their valuable luggage " pay-per-use"	44	College lockers	Obtaining the university's approval for the bidding and completing it by the end of 1442 AH.	432	463	Vice Deanship of Development and Quality, Training and Resourcing Committee
		Free entertainment trip	45	Entertainment	Completing two paid student trips	423	463	Student Activities Committee, Heads of Departments, Training and Self-Resources Committee
4	Laboratories Rental	Determine the list of devices that can be rented and perform maintenance work for them	46	Resourced laboratories	Equipping with at least 80% of the departmental laboratories	422	463	College Vice Deanship, Laboratories Committee
		Assigning an authorized member to do the advertising role and bring in contracts.	47		Bring at least one contract to rent a laboratory at the college.	423	463	College Vice Deanship, Laboratories Committee

The fourth path: Development and Quality

	Main Strategic Objective	Sub-strategic objectives	Initiative Number	Initiative	Performance Measurement Index	Implementation period (according to semester numbers)		Entity responsible for implementation
						From	To	
1	Alumni Support	Continuing the work of the Alumni Committee and updating their database on a quarterly basis	48	Updated platform for alumni	Update the platform on a quarterly basis	421	461	Alumni follow-up unit
			49	Alumni Forum	Establishing the forum on an annual basis	422	452	Alumni follow-up unit
		Contribute to the employment of graduates	50	Communication with the private sector	Acting as a promotional role for outstanding students and working on training agreements that end with employment for graduates	423	463	Alumni follow-up unit
		Developing the skills of graduates by identifying courses that contribute and help their employment	51	Graduate preparation	Establishing an internal committee to provide advisory, development and professional services and training Specialized To prepare	423	463	heads Departments, Alumni Follow-up Unit

					the graduate			
		Activating the role of the internal and external resident	52	Committees to examine papers for his exams	Twice per semester	431	461	Development Agency, Department Heads, Exam Committee
		Developing mechanisms for exams and assignments on a quarterly basis and innovating initiatives to raise the quality of assessment for students	53	integrity	Continuously updating, approving and updating mechanisms	431	463	Exam Committee
2	Developing mechanisms for student assessment	Creating a bank of final exams forms on the college's internal website	54	Final Exam Forms	Collecting final exam forms and uploading them to the college website every end of the semester	422	461	Exam Committee
		Develop and upload models for evaluation mechanisms for evaluation committees on the internal college website for graduation projects	55	Graduation Project Forms	Create graduation project forms and upload them to the college's internal website	422	452	Graduation Projects Committee
		Measuring and evaluating job market and community satisfaction for graduates	56	feed back	Conducting opinion surveys to identify the satisfaction of beneficiaries with the level of	422	452	development agency

					services and graduates to remedy weaknesses in the new plans			
3	Quality in teaching and learning	Commitment to a comprehensive self-assessment of college performance And for members to ensure their quality, these standards include: (a) the teaching performance of the members; b- Research performance of members, C - community participation, d- Services provided by the college, e) Students' evaluation of courses.	57	Comprehensive evaluation	Submit an annual report to the Dean of the College at the end of each Gregorian year	423	461	Agency for Development, Supervisor of Scientific Research Agency, Director of Administration, Student Activities Committee
		Activating the standards for measuring the performance of administrators, including (persistence, level of performance, achievements, mastery of communication skills)	58	management evaluation	Submit an annual report to the Dean of the College at the end of each Gregorian year	423	463	Dean of the College, Director of Administration

		Preparing reference and institutional standards and educating faculty members about them (NCAA, ABET)	59	Awareness for academic accreditation	Activating the role of the Quality Unit to meet periodically with faculty members and educate them about the tasks assigned to them.	423	453	Quality Unit, Development Agency
		A project to develop the skills and capabilities of faculty members and the quarterly assignments assigned to them	60	Faculty Directory	Develop a simplified and divided weekly plan for all the academic and extracurricular tasks of the faculty member throughout the semester	421	452	Quality Unit, Development Agency
		A project to develop the concept of the Student Counseling Unit (academic, psychological, social guidance)	61	Student Guide	Holding workshops periodically on the role and skills of academic advising for all faculty members	423	463	College Vice Deanship, Heads of Departments
		College website development project	62	internal site	Preparing and coordinating the internal college website	431	462	Website Committee, Development Agency

		Continuing the project to create a training portal on the college website	63	training platform	Creating a training platform for the courses offered by the college similar to those designed for Al-Jouf University (Link)	431	462	Website Committee, Development Agency
		A project to develop the media role of college programs	64	media propaganda	Presenting the college's programs on the college's media websites professionally, conducting media meetings and attracting them periodically	422	461	Relations and Media Unit, Engineering Advisory Council
4	academic accreditation	Working with the Deanship of University Development to obtain the ISO certificate to some college departments	65	iso	Management obtaining at least an ISO certificate	431	463	Quality Unit, Development Agency
		Good preparation for obtaining accreditation after selecting the requirements for academic accreditation (NCAAA)	66	academic accreditation	Obtaining the ranking of the best 3 colleges at the level of Umm Al-Qura University. for the year 1443 AH.	431	463	Quality Unit, Development Agency

					Finalizing and implementing a plan for international accreditation for the construction and industrial engineering departments gradually			
	Develop a plan to obtain accreditation (ABET)international	67	international accreditation			422	461	Quality unit, department heads

Fifth path: Social Responsibility and Volunteerism

	Main Strategic Objective	Sub-strategic objectives	Initiative Number	Initiative	Performance Measurement Index	Implementation period (according to semester numbers)		Entity responsible for implementation
						From	To	
1	Social volunteer initiatives and linking relationships with the local community	Glorify Communicating a community services The college and its surroundings	68	home renovation initiative	Completing the initiative by the engineering volunteer club and documenting it	423	463	Engineering Volunteer Club
			69	Afforestation campaign within the campaign to make it green	Completing the initiative by the engineering volunteer club and documenting it	423	463	Engineering Volunteer Club
			70	Teacher's Day Initiative	Completing the initiative by the engineering volunteer club and	423	463	Engineering Volunteer Club

					documenting it		
		Information al meetings and competitio ns	71	The second engineering forum	Completion of the forum by the Engineering Voluntary Club and its documentatio n	423	463	Engineering Voluntary Club
			72	Creativity and innovation forum	Completion of the forum by the Engineering Voluntary Club and its documentatio n	432	462	Engineering Voluntary Club
			73	Gulf Week Forum for Occupation al Health and Safety	Completion of the forum by the Engineering Voluntary Club and its documentatio n	432	462	Engineering Voluntary Club
		Competitio ns and training courses	74	Educational forums about volunteerin g	Completing and documenting two student forums by the Engineering Voluntary Club	431	462	Engineering Voluntary Club
			75	Values Ambassado rs Competitio n	Completing the competition for students by the Engineering Voluntary Club and documenting it	423	461	Engineering Voluntary Club
2	Developm ent and advisory initiatives for students of the Student	Raising the role and participatio n of college students in its initiatives, and making	77	photoshop courses	Completion of the course for students under the preparation and documentatio n of the	432	462	Student advisory council

	Advisory Council	their voices heard for its management			engineering advisory board			
			78	The art of recitation course	Completion of the course for students under the preparation and documentation of the engineering advisory board	432	463	Student advisory council
			79	Meetings with talented students	Meeting each semester with students	423	463	Student advisory council
			80	Second Communication Initiative	Accomplishment of the initiators By the engineering advisory board	423	463	Student advisory council
			81	reading initiative	Accomplishment of the initiators By the engineering advisory board	432	462	Student advisory council
3		Awareness of new students at the college	82	Specialties Forum	Completing the conference at the beginning of the school year	431	Annual	Development Agency, Engineering Club
4	Student Engineering Club Initiatives	Awareness and entertainment for college students for all academic levels	83	My experience in my specialty	Completing the podium forum before the end of the semesterschool2nd of 1443 AH	433	463	Development Agency, Engineering Club
			84	Engineering Evening	The evening was completed by the Student Engineering Club	421	452	Engineering Volunteer Club, Engineering Club
			85	Recreational cultural gatherings	Complete at least 3 rounds of meetings to school year	431	463	Engineering Volunteer Club,

								Engineering Club