

Republic of Iraq
Ministry of higher education
& Scientific research
Northern Technical University
Al-Haweja Technical Institute
Optometry Department



جمهورية العراق
وزارة التعليم العالي والبحث العلمي
الجامعة التقنية الشمالية
تقرير التقييم الذاتي
وفق المعايير الوطنية للاعتماد البرامجي
المعهد التقني الحويجة
قسم تقنيات فحص البصر

Strategic plan a report

For the Optometry Department Techniques

preparation Committee

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2024-2025



introduction

The Department of Optometry is one of the college's newest departments. It was established with the goal of preparing specialized cadres in the field of optics and optometric examination technologies, capable of meeting the needs of society and the labor market in the areas of healthcare and visual prevention. Since its inception, the department has sought to build an advanced educational and research environment based on nationally and internationally recognized quality and academic accreditation standards.

The results of the latest institutional evaluation report revealed a number of important indicators that highlighted clear strengths, such as the department's clear vision and mission, the availability of basic laboratories, and the presence of a distinguished teaching staff with advanced degrees, in addition to administrative support from the deanship and the university. However, the evaluation also revealed some shortcomings that need to be addressed, such as: a shortage of staff in specific specializations, the need to develop curricula to align with labor market requirements, limited e-learning resources, a weak link between learning outcomes and applied scientific research, in addition to the need to activate the department's role in serving the community.

Accordingly, this plan came as a comprehensive framework for addressing weaknesses and enhancing strengths, by setting feasible strategic objectives specific outputs, and clear measurement indicators, as well as accurately defining responsibilities between the department and college units.

The improvement plan focuses on five main axes:

1. **Curricula:** Develop and update them to keep pace with scientific developments and labor market requirements.
2. **Human Resources:** ,Attracting and appointing specialized teaching staff while raising their efficiency through training and development programs.
3. **Learning resources and technologies:** Enhancing the paper and electronic library, and adopting e-learning and digital courses.
4. **Scientific research:** Increasing research production and publication in reputable journals, and encouraging applied research that serves society.
5. **Community Service:** Expanding the department's activities in health and vision awareness, and implementing joint programs with health and community institutions.

The plan extends over the years 2025–2027 and is divided into a set of phased activities with a specific time horizon, ensuring gradual and sustainable development. The plan also includes a periodic monitoring and evaluation mechanism to measure the level of achievement and ensure that outcomes are aligned with established objectives.

Thus, this improvement plan represents a strategic roadmap that places the department on the path to academic and professional excellence, and enhances its position as a leading entity in graduating qualified technical personnel who contribute to raising the level of ophthalmic health services within the community

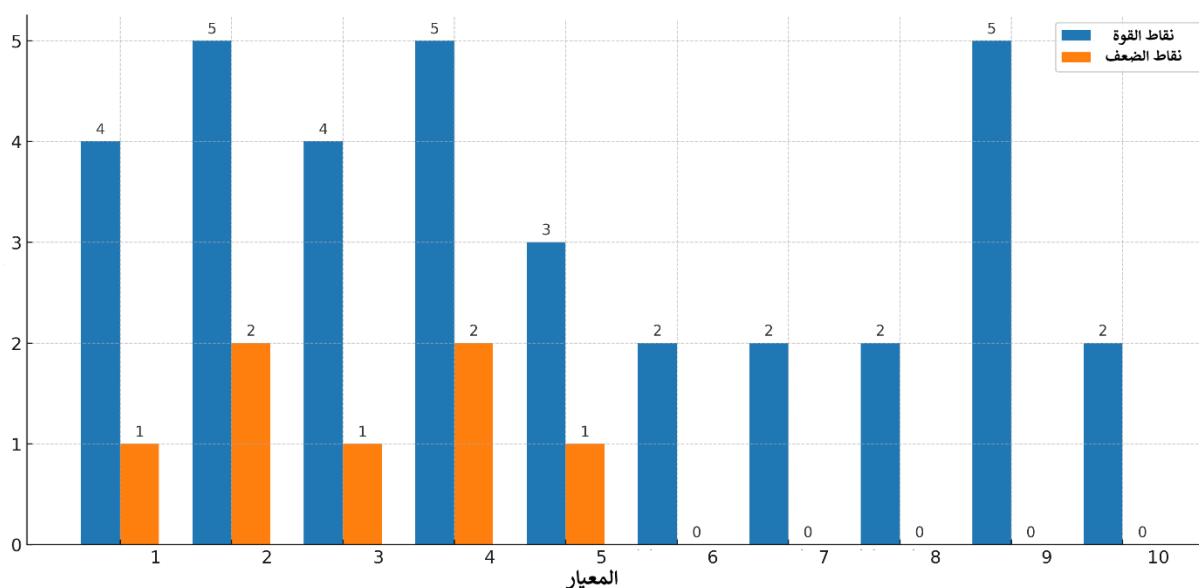
Implementation Plan Table (Unmet Indicators)

Paragraph number	Paragraph text	the goal	Required outputs	Measurement indicators	2025	2026	2027
2-7-2	The program offers an undergraduate (Bachelor's) .program	Creation of a bachelor's program	Approval of a year-4 bachelor's degree plan	Ministry approval and program opening			✓
3.7.3	The program continues to employ .its graduates	Follow-up on graduate employment	Employment database	Percentage of employed graduates		✓	
3.7.4	The program studies the labor market to assess the suitability of its .programs	Labor market study	Annual job opportunities reports	Number of field studies			✓
4-1-2	The number of faculty members is proportional to the .number of students	Increase the teaching staff	Appointing new teachers	Number of appointments			✓
4-1-3	'Faculty members specialization is consistent with the .curriculum	Improving the fit between staff and students	Teacher distribution plan	Faculty/student ratio			✓
4-1-4	There is a program for developing .faculty members	Raising the efficiency of teachers	Training programs	Number of external courses			✓



Paragraph number	Paragraph text	the goal	Required outputs	Measurement indicators	2025	2026	2027
4-2-1	Standard student-to-faculty ratio available	Achieving the standard percentage of teaching staff	Achieving the required rate	Ratio of teachers to students		✓	
4-2-4	Suitable micro-specializations are available in the .teaching staff	Filling the gap in subspecialties	The presence of a teacher in each specialty	Specializations Distribution Report	✓		
4-4-1	There is a balanced policy for distributing faculty members' time between research .and teaching	Develop a balanced policy for research and teaching	Policy Document	Department Council Approval			✓
4-4-2	Faculty members are represented on scientific and administrative .committees	Coordination of faculty representation	Participation in committees	Number of posts			✓
5-1-9	Provides facilities suitable for people with special needs	Support for people with special needs	Special equipment	Availability of ready services		✓	
5-3-6	The library provides modern devices and .means for learning	Library update	Educational devices and tools	Device coverage rate			✓
5-2-1	The library provides modern electronic .resources	Development of electronic resources	digital databases	Number of available sources	✓		
5-2-2	The library provides an electronic access system for .resources	Facilitating access to information	Electronic access system	Database system operation	✓		
5-2-6	There are accredited electronic courses .in the program	Entering electronic courses	e-learning courses	Number of e-courses	✓		

Paragraph number	Paragraph text	the goal	Required outputs	Measurement indicators	2025	2026	2027
6-...	Faculty members publish research in .reputable journals	Developing scientific research	Published in reputable journals	Number of accepted research papers			✓
7-1-2	The program issues periodic reports on its community .service activities	Community Service Reports	Issuing annual reports	Number of reports submitted			✓
7-1-6	Community service is taken into consideration in evaluating faculty .performance	Integrating community service into teacher evaluation	Updated standards	Having an official standard			✓



A diagram showing the strengths and weaknesses of each program accreditation .standard

Statistics for all indicators in the ten criteria:

T	Standard	Number of indicators	Fully implemented	Partially implemented	Not applicable
1	Strategic Plan	19	18	1	0
2	Curricula	53	48	4	1
3	Students	44	38	4	2
4	Faculty members	23	16	0	7
5	Learning resources and equipment	50	40	5	5
6	Scientific research	33	29	0	4
7	Community service	17	15	0	2
8	Program Management	60	33	17	0
9	Quality Management and Improvement	22	21	1	0
10	Program learning outcomes	36	26	0	0

Total:

- Fully implemented = 284 indicators
- Partially applied = 32 index
- Not applicable = 21 indicators

