



strategic plan

Forensic Evidence Techniques Department

Committee preparation

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Introduction

The Department of Forensic Sciences is one of the strategically important academic departments in colleges and technical institutes, due to its role in preparing specialized personnel who contribute to serving justice and enhancing community security through the application of the latest scientific and technical methods in the field of forensic science. Based on the educational institution's mission to ensure the quality of outcomes and link them to the requirements of the labor market and beneficiaries, developing a model improvement plan for the department has become an urgent necessity. This plan aims to develop the educational and research process, enhance the efficiency of graduates, and ensure that programs align with scientific and technological developments. This will achieve academic and professional excellence and enhance the confidence of society and employers in the department's outcomes.

Main Objectives of the Improvement Plan

1. Raise the efficiency of graduates to meet the requirements of the labor market and beneficiaries.
2. Develop curricula to keep pace with scientific and technological developments in the field of forensic science.



3. Enhance the capabilities of faculty members through continuous training and development.
4. Improve the educational and research environment by providing advanced laboratories and equipment.
5. Expanding cooperation channels with judicial and security institutions and research centers.
6. Using feedback from students, graduates, and employers as a key input for continuous improvement.
7. Establishing a culture of quality and academic accreditation within the department.

Axis of the Improvement Plan

1. Academic Curricula and Programs

- o Review and update curriculum content to suit specific specializations.
- o Introduce modern courses related to digital technologies and advanced forensic analysis.

2. Faculty Members

- o Organizing specialized training courses and workshops.
- o Supporting participation in conferences and scientific research.

3. Infrastructure and Laboratories



- o Equipping forensic laboratories with modern equipment and tools.

- o Establishing training databases for practical simulations.

4. Field Training and External Relations

- o Expanding practical training opportunities for students in justice and security institutions.

- o Concluding cooperation agreements with relevant entities.

5. Students and Alumni

- o Monitoring graduates and evaluating their performance in the workplace.

- o Using questionnaires to survey the opinions of students and employers.

6. Evaluation and Quality

- o Implementing periodic evaluation mechanisms for programs and curricula.

- o Linking improvement plans to academic accreditation outcomes and quality standards.

Accordingly, this plan serves as a comprehensive framework for addressing weaknesses and enhancing strengths. This framework sets feasible strategic objectives, specific outputs, and clear performance indicators, as well as clearly defining responsibilities between department units and the institute. 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 outputs are aligned with established objectives.

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

Implementation Plan Table (Unmet Indicators)

.The first criterion is the strategic plan

T	Weaknesses	Improvement plan procedures	The authority responsible for Application and implementation	Expected implementation timeframe
2-1-1	implements a clear and documented plan for emergency and crisis .management	Find out if there are practical training or simulations to ensure the readiness of the staff	Department	1/1/2026 – 2026/10/1
2-1-3	The program's plans keep pace with local and international educational and scientific activities	Ensure that program plans not only keep pace with activities, but also integrate	Department	1/1/2026 – 2026/10/1



	that serve society and the .labor market	with the needs of society and the labor market in an effective and measurable .manner		
5-1-2	The programme plan is implemented in terms of its ability to allocate ,resources, projects decisions and major .proposals related to it	Ensure that the implementation of the program ,plan is effective ,organized trackable and measurable , so ,that resources projects and decisions are allocated .optimally	Department Deanship +	1/1/2026 – 2026/10/1
6-1-2	Developing program plan procedures through self-evaluation and periodic feedback with the aim of improving and developing the educational process with .high quality	Review and update implementation procedures to keep pace with quality and academic accreditation ,requirements with a focus on developing ,curricula teaching methods, and assessment .methods	Department	15/1/2026 –15/10/2026

Improvement Plan for Standard 2 Curriculum

T	Weaknesses	Improvement plan procedures	The party responsible for	Expected implementation timeframe
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			implementation or execution	
Curricula : 1-2				
5-2-2	The curriculum content should focus on clinical sciences and skills that include the relevant professional knowledge and skills required for the student to assume appropriate responsibility for .patient care after graduation	Applying diverse educational strategies that include practical projects, field training, and simulations to ensure the acquisition of the .required skills	- + Department Deanship	to 2026/1/1 2026/1/12
6-2-2	The curriculum content focuses on health systems sciences, including population health and local health care delivery systems, with specializations in community health technologies, healthcare technologies for people with special needs, physical therapy technologies, and orthotic and .prosthetic technologies	Summer training is at the first and .second levels	- Section + Pillar	to 2026/1/1 2026/1/12
8-3-2	Students must spend at least two academic years of their training in ,teaching hospitals, health centers and forensic medicine, in direct ,contact with individuals, families and the community, with increasing clinical responsibility .under supervision	Try to discuss the topic in the and department the institute council	- University Deanship	to 2026/1/1 2026/1/12
2-7-2	The duration of the programme in Iraq for studying medical technology in health and medical .technical colleges is four years, i.e (equivalent to 128 weeks), and it depends on meeting the common	Transition to the polytechnic system	Preparing a study	to 2026/1/1 2026/1/12



	needs theoretically, practically and applied in teaching hospitals and .healthcare centres			
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Improvement Plan for Standard 3 Students

T	Weaknesses	Improvement plan procedures	The party responsible for implementation or execution	Expected implementation timeframe
3.1.8	Objection to the selection of sections	Preparing an form objection	- Student Affairs	8-2026
3.7.1	Follow-up graduates	- This is done when the first class of the science department .graduates	- Deanship of the + Institute University Presidency	6-2027 10-2027
3.7.2	Issuing graduation documents	- This is done when the first class of the science department .graduates	- Deanship of the + Institute University Presidency	2027-10 2027-12
3.7.3	Central appointment	This is done when the first class of the science	- Deanship of the + Institute University Presidency	2027-10 2027-12



		department .graduates		
3.7.4	Periodic meetings with graduates	This is done when the first class of the science department .graduates	Department	2027-10

Improvement Plan for Standard 4 Faculty

T	Weaknesses	Improvement plan procedures	The party responsible for implementation or execution	Expected implementation timeframe
2-1-4	There are sufficient numbers of faculty members in institutes and colleges with precise .specialization	Appoint or nominate additional teaching staff as needed to ensure that all courses are covered .efficiently	- + University Deanship -	5-2026 8-2026
1-2-4	Achieving the percentage of the number of teaching staff compared to the number of students within the precise specializations of health and medical technology programs	- Appointing additional teaching staff when needed to maintain balanced ratios and ensure the quality of .education	- + University Deanship	4-2026 10-2026

Improvement Plan for Standard 5: Learning Resources and Equipment



T	Weaknesses	Improvement plan procedures	The party responsible for implementation or execution	Expected implementation timeframe
9-1-5	The program has the appropriate resources, equipment and services for students, staff and faculty with special needs. Teaching	Ensuring that resources and services are not only available but are comprehensively and effectively prepared to meet the needs of persons with disabilities and ensure their full integration into the educational and administrative process.	- Head of + Department Deanship -	5-2026 8-2026
6-3-5	Providing audio-visual aids and computers in the library halls	- Providing audio-visual aids and computers in the library halls	- Deanship	4-2026 10-2026
6-5-5	The program provides a high-quality early warning system for each laboratory to notify workers of any potential hazards affecting the laboratory.	Providing a high-quality early warning system for each laboratory to notify workers of any potential hazards affecting the laboratory. -	- Deanship of the Institute + Head of Department	6-2026 10-2026
8-5-5	The program provides a microscopic suction (hood) system for vacuuming and microscopic sterilization in medical laboratories. Such as (microbiology laboratories)	Providing a microscopic suction system (hood) for vacuuming and microscopic sterilization in medical laboratories Such as (microbiology laboratories)	+ Deanship Departments	2026-6 2026-11



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9-5-5	The program provides an autoclave system (a sterilization and destruction system using pressure and heat) for .medical laboratories	<ul style="list-style-type: none"> - Providing autoclave system (sterilization and destruction system by pressure and heat) for medical laboratories 	- Deanship + Head of Department	2026/06 2026/12

The sixth standard Scientific research

T	Weaknesses	Improvement plan procedures	The party responsible for implementation or execution	Expected implementation timeframe
Scientific Research Policy 6-1				
6-2-3	The program provides research centers that serve the needs of .faculty members and students	Strengthening research partnerships with local and international academic and industrial institutions to benefit from expertise and .equipment	- - Department Deanship	<ul style="list-style-type: none"> - to 2026/1/1 2026/2/5
6-4-2	Creating a spirit of competition among researchers through competitions for applied scientific . research of solid scientific quality	<ul style="list-style-type: none"> - Organizing periodic research competitions for applied scientific ,research including clear ,judging criteria and providing material and moral incentives for distinguished researchers, with the aim of enhancing 	- Department	<ul style="list-style-type: none"> - to 2026/3/1 2026/4/1 - to 2026/1/1 2026/3/1



		competitiveness and raising the quality of .scientific output		
6-5-3	The program provides consultations to public and private community institutions in the field of scientific .research	- Documenting contracts or memoranda of ,understanding which enhances the program's role in serving the community and increases its scientific and .practical impact	- Department	- to 2026/2/1 2026/3/1
6-5-6	The program aims to partner with prestigious international colleges and universities in the field of .scientific research	- Implementing joint research projects, which contribute to raising the level of research efficiency and enhancing the quality of scientific output in accordance with international .standards	- Department	- to 2026/1 2026/3/1

Community Service / Standard Seven

T	Weaknesses	Improvement plan procedures	The authority responsible for Application and implementation	Expected implementation timeframe



6-2-2	The program establishes relationships with the local sector and employers to assist in delivering community service programs. This may be achieved (in part by identifying issues that You need to analyze student projects for part-time employment of students, or enrolling students in experience-providing programs	The program's partnerships with the local sector and employers support community service programs by engaging students in practical projects to analyze real-life issues, and providing opportunities for part-time employment and practical training	Deanship	1/1/2026 - 1/6/2026
6-2-3	The program invites employers and professionals associated with the program to join the appropriate advisory committees in the program	Promote professional and community engagement by inviting employers and industry experts to join advisory committees	Department Deanship +	1/1/2026 - 1/6/2026
6-5-2	The program maintains communication with graduates, informs them of program developments invites them to participate in its activities, and encourages them to provide all forms of support to development processes	Enhancing ongoing communication with graduates by informing them of program developments, inviting them to participate in its activities and encouraging them to	Department Deanship +	1/1/2026 - 1/6/2026



		provide all forms of support to development .processes		
6-5-3	The program takes advantage of available opportunities to request support from individuals or community organizations for scientific research and .development purposes	Request support from individuals or civil society and academic organizations to develop scientific research and promote development .projects	Department Deanship +	1/1/2026 - 1/6/2026
6-5-6	Cooperation with the Ministry of Health and the Ministry of Education in disease screening campaigns	Implement regular disease detection campaigns, by developing a joint plan to identify target ,groups coordinating human and field resources, and documenting .the results	Department Deanship +	1/1/2026 – 1/6/2026

Standard 8 / Program Management

	T	Weaknesses	Improvement plan procedures	The authority responsible for Application	Expected implementation timeframe
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				and implementation	
	8-1-8	Providing appropriate mechanisms for integration and effective participation between the different branches of the same .program	By establishing periodic coordination ,systems exchanging experiences and good practices, and creating joint communication .platforms	+ Deanship Department	1 51 02026 – 1 11 2026
	9-1-8	The program is committed to implementing educational and research controls to ensure the quality of all aspects, including curricula, educational materials, teaching mechanisms, student ,achievement standards .and services provided	Strengthening adherence to educational and research standards to ensure the quality of all aspects, including ,curricula educational materials, teaching methods, and student achievement .assessment criteria	Department Deanship +	1 51 02026 – 1 11 2026
	-1-8 11	The program management evaluates the effectiveness of educational and research partnerships and makes appropriate decisions .regarding them	Evaluate the effectiveness of educational and research partnerships periodically, and adopt clear mechanisms for making appropriate decisions to strengthen or modify these partnerships as .needed	+ Deanship Department	1 51 02026 – 1 11 2026



5-3-8	The program provides a database of material resources and their needs	Establishing an integrated database of material resources ,and their needs including recording all available resources and future requirements	+ Deanship Department	1 51 02026 – 1 11 2026
4-4-8	Develop appropriate plans to attract experts and specialized workers in the program to benefit from their experience in developing and building capacities	Implementing strategic plans to attract experts and specialized personnel ,to the program ensuring that their expertise is utilized in developing curricula and building human capacity	+ Deanship Departments	1 51 02026 – 1 11 2026
5-4-8	previously announced controls for contracting with external parties concerned with training and capacity development as needed.	Adopting documented and previously announced controls for contracting with external entities concerned with training and capacity development as needed	Deanship and Departments	1 51 02026 – 1 11 2026
1-5-8	Develop a general policy and procedures for the participation of faculty, staff, students and employers in key aspects of program management, quality assessment and scholarly activities.	Involvement of ,faculty, staff students, and employers in key aspects of program ,management including quality assessment and scholarly activities	Deanship and Departments	1 51 02026 – 1 11 2026



	4-5-8	The program management encourages development initiatives and proposals from .beneficiaries	Establish formal mechanisms for ,receiving proposals evaluating them according to clear criteria, and implementing what ,can be implemented with the aim of improving the quality .of the program	Deanship and Departments	1 51 02026 – 1 11 2026
	-6-8 3	Attracting specialized employers and external parties to evaluate the program's performance, and achieve integrity and .transparency in work	- Attracting specialized employers and external parties to periodically evaluate the program's ,performance ensuring the highest levels of integrity and transparency, and allowing the evaluation results to be used in .developing curricula	Deanship and Department	1 51 02026 – 1 11 2026
	-6-8 5	Benefit from documenting the program's feedback results in identifying weaknesses and .working on them Improve it	Document program feedback results periodically to identify weaknesses and areas that need .improvement	Deanship and Department	1 51 02026 – 1 11 2026
	-7-8 3	Forming oversight committees to audit the ,provision of buildings laboratories, medical clinics, research	Ensuring the readiness of resources and ,infrastructure	Department Deanship +	1 51 02026 – 1 11 2026



		centers, laboratory equipment, and public agencies.	increasing their efficient use, and achieving compliance with quality and safety standards in all .program facilities		
	-7-8 6	Forming oversight committees to verify the existence of safety protection systems for .program workers	Ensure a safe working environment, reduce occupational hazards, and promote awareness of safety procedures among all program .staff Report of the - Financial Supervision Bureau	Department	1 51 02026 – 1 11 2026

Improvement Plan for Standard 9

T	Weaknesses	Improvement plan procedures	The party responsible for implementation or execution	Expected implementation timeframe
Quality Management : 1-9				
9-2-9	Develop plans to improve emergency crisis management with a declared and documented .budget	Training rapid ,response teams with periodic follow-up for continuous evaluation and development	- Head of + Department Deanship	5-2026 8-2026



Improvement plan for the tenth standard / Program learning outcomes

T	Weaknesses	Improvement plan procedures	The authority responsible for Application and implementation	Expected implementation timeframe
3-1-10	Using a questionnaire to 'find out employers opinions on the efficiency of graduates from health and medical colleges and technical institutes as feedback for program .development	Conducting periodic questionnaires to collect 'employers opinions on the efficiency of graduates of health and medical colleges and technical institutes, and using the results as feedback to develop and improve academic .programs	+ Deanship Department	1/1/2026 - 1/6/2026

.A chart showing the fully , partially and unmet indicators

Fully implemented = 204 index

Partially implemented = 81 index

Not applicable = 52 index

