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### **The final report on the community service for the Chemistry program for the academic year 1446 AH**

In the principle of promoting community, participation and activating the role of the program in serving the community, the community service for the Chemistry program for the academic year 1446 AH implemented in collaboration with the Education Department in Najran. The community service program included a training program that lasted for two days on 8/06/1446 AH and 09/06/1446 AH, totaling eight training hours. The Chemistry program offered a training program titled 'Science Teaching Skills' that lasted for two consecutive days with a total of eight training hours for science teachers (Education Department in Najran). A total of 193 teachers attended the course online via Zoom. The training program aimed to enhance the educational capabilities of science teachers by providing them with effective and innovative methods for teaching scientific subjects. The course included the development of interactive strategies that encourage critical thinking and exploration of scientific concepts, which contributes to improving student understanding and interest. The course also seeks to empower teachers to use technology and modern teaching tools to enhance the learning experience. In addition, the students of the Chemistry program participated in various community volunteer activities during the academic year 1446 AH. Organizing and hosting children with autism on September 18, 2024. Organizing the inauguration ceremony of the Prince Jalawi Bin Abdulaziz Conference Center from September 22, 2024, to September 23, 2024. Organizing the Global Mental Health Campaign held at the Najran Interactive Fountain from October 10, 2024, to October 11, 2024, Organized by the Health Club at Najran University. Participating in the Artificial Intelligence Hackathon (AITON 2024) held from October 28 to October 31, and participating in organizing the National Day, and volunteering with the Saudi Red Crescent Authority, as well as documenting and organizing events for National Day from September 23, 2024, to September 24, 2024.

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### The plan of the Community Service Committee for the Chemistry Program for the academic year 1446 AH.

In order to achieve the mission and goals of the Chemistry Program and in accordance with the interests of work, development, and quality requirements, and in implementation of the operational plan for the Chemistry Program for the academic year 1446 AH, the fourth axis is effective community partnerships. Attached for your excellence is the plan of the Community Service Committee and the operational plan for the Chemistry Program along with its Council's approval.

[https://nejranuniversity-my.sharepoint.com/my?sortField=LinkFilename&isAscending=true&id=%2Fpersonal%2Fayalyami\\_nu\\_edu\\_sa%2FDocuments%2Fالخط%20التشغيلية%20لبرنامج%20الكيمياء%20ومجلس%20اعتمادها.pdf&parent=%2Fpersonal%2Fayalyami\\_nu\\_edu\\_sa%2FDocuments](https://nejranuniversity-my.sharepoint.com/my?sortField=LinkFilename&isAscending=true&id=%2Fpersonal%2Fayalyami_nu_edu_sa%2FDocuments%2Fالخط%20التشغيلية%20لبرنامج%20الكيمياء%20ومجلس%20اعتمادها.pdf&parent=%2Fpersonal%2Fayalyami_nu_edu_sa%2FDocuments)

University's strategic goal	The strategic goal of the college	Program objectives	The operating goal of the program	Executive initiatives	The person responsible for implementation	The person responsible for follow-up	Start date	End date	Support	Performance indicators	Target
1. Enhancing social responsibility of all university employees.	Enhancing social responsibility and building effective community partnerships with institutions and bodies.	Instilling professional ethics, Islamic values, the ability to work in a team, and community service in students, which supports the responsibility of scientific work and preserving the environment	Expanding the construction and activation of community contributions and partnerships.	Preparation and implementation of the community engagement plan in coordination with relevant institutions and authorities.	The community service committee in the program	Development and Quality Committee	11/2024	5/2025	Institute of Studies and Consulting Services for the University.	The percentage of the beneficiaries' satisfaction with community service	85%
				Participation in national and historical events and celebrating the activation of global days.						Number of community education programs provided by the program of the Chemistry	Community Programs and Initiatives Rate KPI chem-1 (4 for the academic year)
2. Expanding contributions and community partnerships.	Building effective community partnerships with institutions and entities.		Contributing to the building of community partnerships with education sectors, cultural clubs, and local businesses.	Raising awareness of volunteer work through the provision of consulting services and specialized courses in the fields of the college.						The percentage of faculty members /administrators /students participating in volunteer activities to serve the community	20% of faculty members participate in community service
				Enhancing partnership and cooperation opportunities with the pre-university education sector and related local sectors.							Two administrators
											5 students during the year

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## Report on the community plan of the Chemistry program for the academic year 1446 AH.

Operational objective		Executive initiative	Executive procedure	The person responsible of the execution	Beneficiary	Execution date	Target level	Indicator achievement range
1	The expansion of building and activating community contributions and partnerships.	Preparation and implementation of the community engagement plan in coordination with relevant institutions and authorities.	Holding a training course titled 'Skills for Teaching Science'	Dr. Abeer Alyami	Education Administration of Najran Region	8/06/1446 AH 9/06/1446 AH	- Department Council Number -Initiative Announcement Template -PowerPoint Presentation -Number of Attendees- Attendee Signatures- -Preparation of a Survey to Measure Beneficiary Satisfaction - Analysis of the Satisfaction Survey-Sample Certificates if Available - Preparation of the Final Report for the Initiative Including : - The Plan -Analysis of Beneficiary Satisfaction Results -Key Strengths -Key Weaknesses - Improvement Suggestions	- The percentage of beneficiaries' satisfaction with the community service. - The number of community education programs offered by the program. - The percentage of faculty members / administrators / students from the chemistry program participating in volunteer activities to serve Najran community.
		Participation in national and historical events and celebrating the activation of global days.	Contributing to the organization of the National Day celebration - Founding Day.	Students of the Chemistry Program.	Local Community	20/03/1446 AH 23/08/1446 AH		
2	Contributing to the building of community partnerships with education sectors, cultural clubs, and local businesses.	Raising awareness of volunteer work by providing consulting services and specialized courses in the fields of the college.	Introductory lecture for community service in the chemistry program.	Head of the Community Service Committee Dr. Abeer Alyami	Faculty members of the Chemistry program	01/03/1446 AH		
		Enhancing partnership and cooperation opportunities with the pre-university education sector and related local sectors.	Participation in the cooperation memorandum between the Education Department in Najran Region and Najran University (Talmadh Program) by supervising gifted students applying to participate in the National Olympiad for Creativity 2025.	Dr. Abeer Alyami Dr. Aida Youssef	Gifted Center, Education Department in Najran Region	1446 AH		
				تعليمنا بحقة - الؤبة				

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## Report on The community service plan of the chemistry program for the academic year 1446 AH.

The initiative	Initiative type	Execution entity	Beneficiary entity	Period	Execution place	Evidence and indications of the execution	Expected Attendants Number	Actual Attendants Number	Beneficiary satisfaction rate of community services	Target
Implementing a plan for community contributions and partnerships	Holding a training course titled 'Skills for Teaching Science'	Dr. Abeer Alyami	Education Administration of Najran Region	8/06/1446 AH 9/06/1446 AH	Online	-Attendance signatures -Initiative announcement -Training certificate	50	193	96% for the academic year 1446 AH	85% is the targeted percentage for beneficiary satisfaction with community service.
	Introductory lecture for community service in the chemistry program.	Dr. Abeer Alyami	Faculty members of the Chemistry program	01/03/1446 AH	Online	-Attendance record -Scientific material	8	10		
Contributing to the building of community partnerships with education sectors, cultural clubs, and local businesses.	Contributing to the organization of the National Day celebration - Founding Day.	Students of the Chemistry Program.	Local community	20/03/1446 AH 23/08/1446 AH	Prince Jalawi bin Abdulaziz Conference Center	-Volunteer Certificate	Number of participants 1	1		
	Participation in the cooperation memorandum between the Education Department in Najran and Najran University (Talmadh Program) by supervising gifted students applying to participate in the National Olympiad for Creativity 2025.	Dr. Abeer Alyami Dr. Aida Youssef	Gifted Center, Education Department in Najran Region	1446 AH	Attending at Najran University, College of Science and Arts / Online	-Certificate of Appreciation -Transaction/ E-mails for Talmadh Program	2	2		

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The achieved ratio	Level of performance
The percentage of beneficiaries' satisfaction with the community services provided by the program.	96%
The number of educational and community partnership programs provided by the program.	100% 4 training programs compared to the target of 4 community programs by the end of the academic year.
The percentage of faculty members/administrators/students from the chemistry program participating in volunteer activities for community service.	5 students out of 5 students (target) 100% 2 faculty members 15% compared to the target of 20% of faculty members.
77.75%	The achievement rate of community service initiatives for the academic year 1446 AH

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### Strengths:

1. The satisfaction rate of beneficiaries from the community service in the chemistry program reached 96.06% compared to the target of 85%.
2. Participation of 5 female students from the chemistry program in community service and volunteering programs:
  - In organizing and hosting children with autism spectrum disorder.
  - In organizing the inauguration ceremony of Prince Jlouwi bin Abdulaziz Conference Center.
  - In organizing the global mental health campaign held at the interactive Nujran fountain, organized by the health club at Najran University.
  - Participation in the AI Hackathon (AITON 2024).
  - Participation in organizing the national day.
  - In voluntary work with the Saudi Red Crescent Authority.
  - In documenting and organizing events for the national da.
3. Achieving four educational and community partnership programs during the first semester out of a target of 4 educational programs in the academic year.

### Challenges:

1. Failure to obtain the necessary approvals to implement educational programs or community partnerships despite submitting the department's community service forms (three initiatives from faculty members) to the Community Responsibility Department for the second semester.

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### The improvement and development plan for the first semester of the academic year 1447 AH:

Recommended procedures for future development	Target activities	Start date	End date	Party responsible of the execution
Increase the number of community training programs offered by the Chemistry program.	- An introductory meeting held for the community service with the program members and administrators to encourage their participation. - The available courses for members and administrators to perform community service presented.	The beginning of the first semester of the academic year 1447 AH	The end of the first semester of the academic year 1447 AH	Community Service Committee
Increase the percentage of faculty members participating in community service.	- Encourage faculty members in the program to increase the percentage of faculty participating in community service to reach 20%.	The beginning of the first semester of the academic year 1447 AH	The end of the first semester of the academic year 1447 AH	Community Service Committee

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# Attachments



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### The extent of beneficiaries' satisfaction with the community service provided by the Chemistry program:

Based on the principle of measuring the quality of training programs as well as the extent of beneficiaries' satisfaction with the community service offered by the Chemistry program for the academic year 1446 AH, a survey link was distributed to the trainees:

**The result was as follows:**



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#### 14. What are your suggestions to develop the program

Thanks Dr. Abeer	I hope the university offer more specialized training courses	Thanks for Dr. Abear for her hard work.
Great	Scientific Activities	1000 Thanks for the Dr. Abear
We would like you to provide videos that explains how does science trips work for both girls and boys	Thank you very much. The course objective has been delivered god bless Dr. Abera	More development programs, online so everyone gets the chance to attend.
Great course, thanks	Great	May god give you wellness for this hard work
Keep providing development courses	I hope you achieve what you wish and beyond.	Intensify courses through teaching methods for the benefit of all.
All Thanks to Dr. Abear	Great course god bless you	God bless you
Very great	Good luck	More development programs
I hope you get more bless	Many thanks for Dr. Abear Al Yami	No suggestions the program is great how it is
Everything is perfect	Activate practical courses	Providing the necessary equipment and tools for training
Thanks to you	God bless you all for your efforts	More training courses specialized in chemistry
Great course god bless her	Very Great	Thanks
Great program thank you	God bless you	God bless you
To be able to attend it physically not only online	More development program just like this one	Good luck
Thanks to you	Making it short because it is for teachers and it should be more smooth	Wonderful efforts
To be formed in actual images of the types of the strategies for reality and video clips to enrich the given ideas	More development programs, online so everyone gets the chance to attend.	More of applied practical activities to the program, but because it is online it may be difficult to present during the program
Practical application	Thanks for Dr. Abear for her efforts	God bless Dr. Abear
Keep providing development courses	Always forward	Thanks for Dr. Abear for her modern ideas and strategies in explaining the course

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Phrase Q	Percentage
1. The program objectives and topics are relevant to your field of work	94.85%
2. Program objectives achieved	96.22%
3. Suitability of scientific activities and training	95.53%
4. Ability to manage the training program	96.22%
5. Mastering the theoretical and practical aspects of the program	96.05%
6. The ability to distribute the training program	96.39%
7. Are you satisfied with the program content?	96.39%
8. Program coordination and organization	97.08%
9. The necessary equipment and tools for the program were provides.	95.02%
10. Training place suitability	96.39%
11. What do you think about the level of community service provided for you?	95.53%
12. How satisfied are you with the content of the training material of the program?	96.39%
13. Your opinion of the training material in terms of organization	96.74%

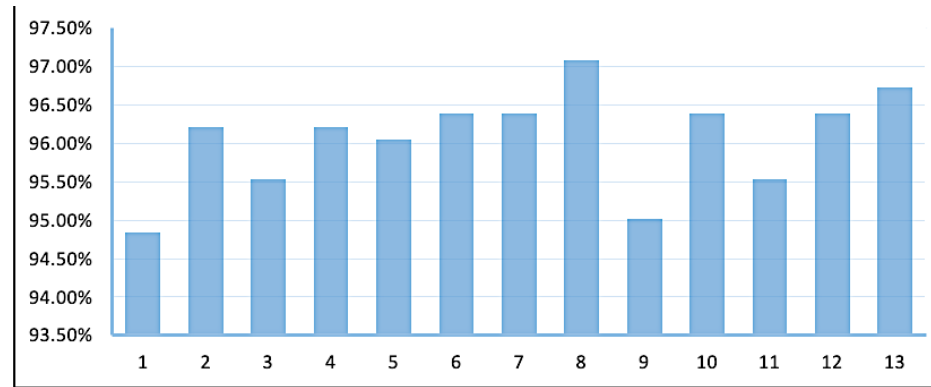
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- The average satisfaction rate of the beneficiaries of the community services provided by the chemistry program was 96.06% compared to the target 85%



### Strengths points:

All items achieved a percentage higher than the target 85%

### Development points:

Increase the number of the faculty members participating in community service provided by the program next semester to increase the number of community education programs provided by the program.

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## Community service documentation:

### 1. Advertisement

وزارة التعليم  
Ministry of Education

خطة البرامج التدريبية - الفصل الدراسي الثاني - الأسبوع الرابع  
بالتعاون مع جامعة نجران  
من الأحد 1446 / 6 / 7 هـ إلى الثلاثاء 1446 / 6 / 9 هـ

<b>التحول الرقمي وإدارة التغيير</b> أ. علوان شرواني ابتدائية معاذ بن جبل الأحد - الثلاثاء 7 - 9 / 6 / 1446 هـ عدد الأيام (3) ، عدد الساعات (12) الإدارة المدرسية والكادر الإشرافي عن بعد قاعة Webex ( صباحية )	<b>الرخصة المهنية لمعلمي الفيزياء</b> د. تيسير النجار جامعة نجران الأحد - الاثنين 7 - 8 / 6 / 1446 هـ عدد الأيام (2) ، عدد الساعات (8) معلمو ومعلمات الفيزياء عن بعد قاعة Zoom ( مسائية )
<b>الرخصة المهنية لمعلمي الأحياء</b> د. سعيد الأسمر جامعة نجران الاثنين - الثلاثاء 8 - 9 / 6 / 1446 هـ عدد الأيام (2) ، عدد الساعات (8) معلمو ومعلمات الأحياء عن بعد قاعة Zoom ( مسائية )	<b>الحقوق والمزايا الوظيفية</b> أ. فيروز آل لعجم مكتب وسط نجران الأحد - الاثنين 7 - 8 / 6 / 1446 هـ عدد الأيام (2) ، عدد الساعات (8) الكادر الإداري ( بنات ) عن بعد قاعة Webex ( صباحية )
<b>مهارات تدريس العلوم</b> د. عبير اليامي جامعة نجران الاثنين - الثلاثاء 8 - 9 / 6 / 1446 هـ عدد الأيام (2) ، عدد الساعات (8) معلمو ومعلمات العلوم عن بعد قاعة Zoom ( مسائية )	

**تعليمات هامة**  
1 - التسجيل بالبرامج يكون عن طريق الرئيس المباشر.  
2 - روابط القاعات الافتراضية ترسل للمدرسين المقبولين عبر البريد الإلكتروني.  
3 - شهادات الحضور لمن أكمل مسوغات الحصول على الشهادة ترسل على بريد المقدر الإلكتروني بعد نهاية البرنامج.

عدد البرامج 5  
عدد الساعات التدريبية 44  
عدد الأيام 11

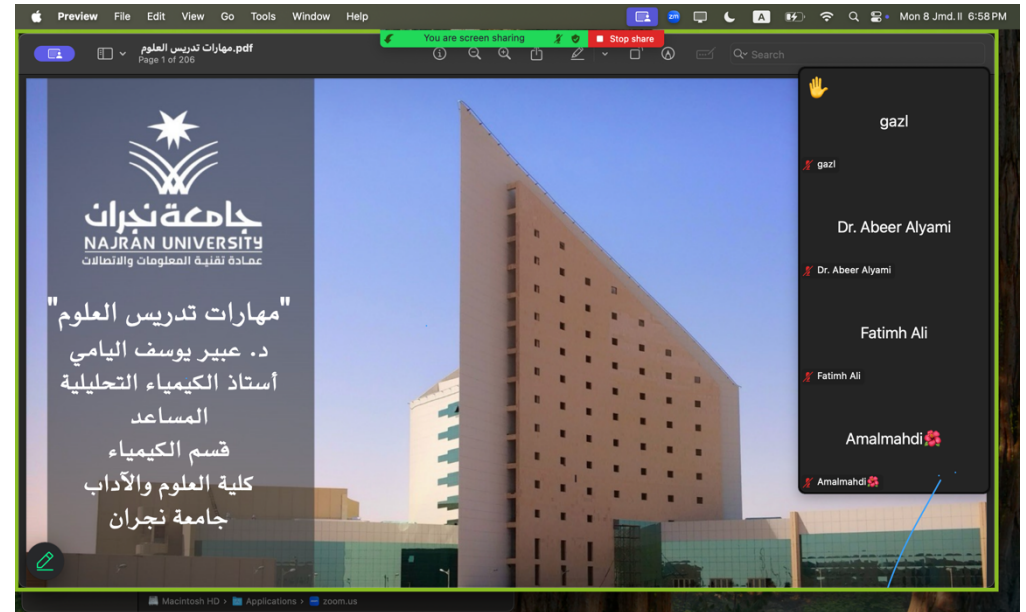
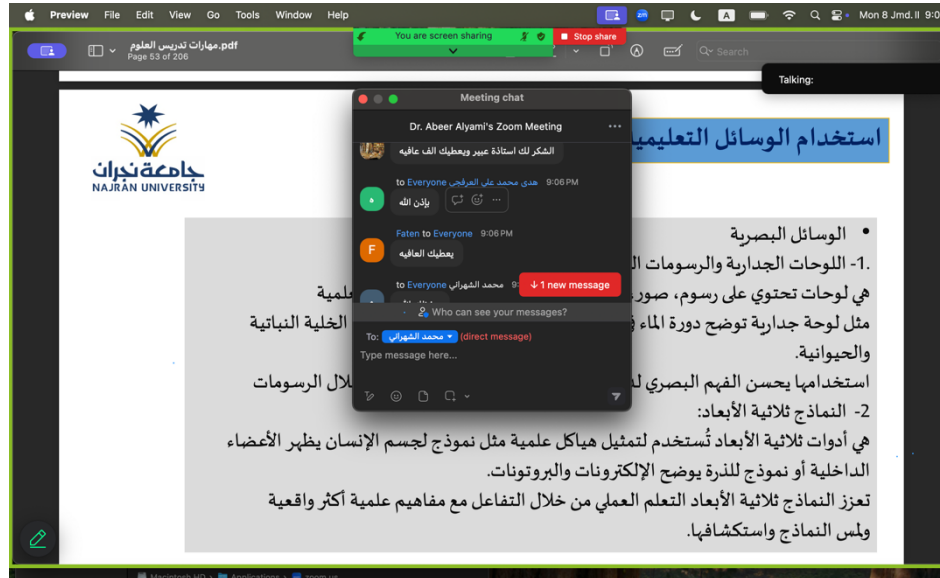
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## 2. Photo documentation during the program implementation



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### 3. Documentation of the community service provided by the chemistry students



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## 4. Documentation of the introductory lecture on community services for faculty members of the academic year 1446 AH



### الأسئلة المكررة:

- هل هناك أي مراكز أخرى مع إدارة تعليم منطقة نجران غير إدارة التدريب والإتعاث ممكن تقديم خدمات مجتمعية معهم؟
- مراكز خيرية شعبة امل
- النادي الأدبي
- مركز التدريب والإتعاث
- مستشفيات
- مدارس
- هل يمكن تحديد أي موضوع للبرامج التدريبية؟
- حسب احتياجات المستفيدين الأفضل وبما يليق بالكلية والجامعة
- كم مدة البرنامج التدريبي (هل لازال شرط اساسي يومين أو أكثر حتى يختار البرنامج تدريبي؟)
- حتى الآن يومان وسيم التحديث في حالة تغير شرط اليومان لكل برنامج تدريبي
- الكيمياء في الرخصة المهنية.
- اختبارات اللغة IELTS, STEP

### الدورات المقترحة للعام ١٤٤٦

- استخدامات الذكاء الاصطناعي في تعليم العلوم.
- تطبيقات الواقع المعزز في تعليم العلوم.
- دور التقنية في العملية التعليمية.
- تنمية المهارات البحثية والابتكارية لدى الطلاب الموهوبين.
- تنمية المهارات البحثية والقدرة على التفكير النقدي لدى الطلاب الموهوبين.
- مهارات الإرشاد الأكاديمي.
- دور المرشد الطلابي.
- المرشد الطلابي المحترف.
- الكيمياء في الرخصة المهنية.
- اختبارات اللغة IELTS, STEP

الوقت المقترح	نوع الخدمة (مطلوب- عن بعد)	الخدمة المجتمعية المقترحة	الخدمة التدريبية
بداية العام الدراسي أو منتصفه ولكن لايفضل تهيئته بحضور أكاديمي للمعلمين	حضورية للخدمة للتدريب على أجهزة الكمبيوتر	خدمة في مهارات استخدام التكنولوجيا في تصميم الاختبارات المعرفية	خدمة في مهارات استخدام التكنولوجيا في تصميم الاختبارات المعرفية
بداية العام الدراسي أو منتصفه ولكن لايفضل تهيئته بحضور أكاديمي للمعلمين	حضورية أو عن بعد	خدمة في مهارات استخدام التكنولوجيا في تصميم الاختبارات المعرفية	خدمة في مهارات استخدام التكنولوجيا في تصميم الاختبارات المعرفية

### الاحتياج التدريبي لشاغلي الوظائف التعليمية 1445-1444

الوقت المقترح	نوع الخدمة (مطلوب- عن بعد)	الخدمة المجتمعية المقترحة	الخدمة
بداية العام الدراسي أو منتصفه ولكن لايفضل تهيئته بحضور أكاديمي للمعلمين	حضورية أو عن بعد	خدمة في مهارات استخدام التكنولوجيا في تصميم الاختبارات المعرفية	خدمة في مهارات استخدام التكنولوجيا في تصميم الاختبارات المعرفية
بداية العام الدراسي أو منتصفه ولكن لايفضل تهيئته بحضور أكاديمي للمعلمين	حضورية أو عن بعد	خدمة في مهارات استخدام التكنولوجيا في تصميم الاختبارات المعرفية	خدمة في مهارات استخدام التكنولوجيا في تصميم الاختبارات المعرفية

Prepared by:

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Chemistry Program Vision	<ol style="list-style-type: none"><li>1. Preparing highly qualified national cadres in the field of chemistry to meet the labor market's needs and in line with the Kingdom's Vision 2030.</li><li>2. Providing a high-quality educational environment that encourages instilling a spirit of creative and innovative competition among students.</li></ol>
Chemistry Program Message	Providing a high-quality educational program to prepare chemists equipped with scientific knowledge, skills, and values in a stimulating learning environment that fosters learning and creativity to meet the needs of the community and the labor market.

Head of chemistry department  
Dr. Jari Al-Otaibi

Chemistry Department Coordinator  
Dr. Amal Fathi

تعليمنا يحقق الرؤية