

The work plan of the Student Club in the Physics Department for the academic year 1445 AH

Head of the Physics Department: Dr. Sultan Al-Hassan

Club Supervisor: Dr. Ahmed Abuolmaaref

Club members: Dr. Mohamed Fathi - Dr. Jihad Al-Aifi

Dr. Al-Zahraa Abdel Mawla (faculty member, female section)

Target group: All students of the Physics Department

Objectives:

1. Contributing to introducing the Physics Department through active participation in various cultural, social, and sporting activities.
2. Raising the academic and professional level of male and female students by organizing workshops and lectures on some skills
3. Participation in various events internally and externally to interact and exchange experiences.
4. Discovering student talents, male and female physics students, enriching their scientific abilities and innovations, and linking them to the Kingdom's Vision 2030.

Activities to be carried out through the club

First: Research activities and scientific innovations

Implementation date	Implementation method	Activity type	Activity name	n
The sixth week of the first and second semesters	Scientific workshops and lectures	Presence	Developing students	1
Over the weeks of study during the two semesters	Seminars - practical lectures in laboratories	Scientific lectures, panel discussions,	Innovation in various fields of physics	2
Over the weeks of study during the two semesters	Providing the necessary tools and materials to implement these innovations, as well as providing the appropriate place for implementation	Practical explanations, and a review of previously studied experiments	Developing the capabilities of distinguished and scientifically gifted students to involve them in scientific competitions	3
The thirteenth week of each semester	Make a display in the college courtyard of the students' work and innovations that were implemented during the academic year, with a written and in-person explanation from the employer.	Implementing the ideas presented by students in a practical manner	Annual exhibition to display student works	4

Second: Reading, culture of reading, and drawing

Implementation date	Implementation method	Activity type	Activity name	n
The third week of the first and second semesters	Dividing the chapters of the book among several students, and each student summarizes what he has understood of the scientific material	Choose a physics reference book and read it	Read a book	1

the sixth week	Go to the library	Visit the university library and find out how to benefit from existing books	Visit the university library	2
The thirteenth week of each semester	The competition is held in the college theater and all students participate in it	Holding a cultural competition about the history and culture of the Kingdom	Historical and cultural competition	3
The fifth week of the first and second semesters	Choose a physics book and create a competition using questions about the content of the scientific book	Competitive motivational	Book competition	4
The fifth week	Choose your favorite photo taken with your mobile camera	The drawing	Drawing and photography competition	5

Third: Electronics and circuit design

Implementati on date	Implementation method	Activity type	Activity name	n
The fourth week of the first and second semesters	Implementing a workshop presented by a faculty member in the department who teaches the electronics course	Workshop	Electronics principles course	1
the sixth week	By accessing the websites of these companies and how to identify the codes for their products	Identify companies working in the electronics field and their products	How do I get an electronic device?	2
The thirteenth week of each semester	The competition is carried out in the club's designated place, and the contestants design a circuit and explain the idea of its operation and the benefits of it	Make a competition	Competition for the best electronic circuit design	3