



Course Teaching Plan

Academic year: 2023 /2024

Semester: 1st Semester

Department: Pediatric Nursing

Course name: : Bio-physics

Course code: MansNurPCSc105

Course credit hours No.: Theoretical (1) Practical (-)

| Academic Staff Members | Lectures | Date Day/Week | Place | Teaching Method | The Target Group | Evaluation Methods |
|------------------------|--|--|--|----------------------|--|--------------------|
| Dr. Nermin Ali | (1 st week) Monday 2 /10/2023 | Registrations of all students | Faculty of Nursing teaching halls + online lectures through Microsoft teams on LMS | Interactive Lectures | All students that will be registered in physics course | |
| | (2 nd week) Monday 9 /10/2023 | Light and Optics The Human Eye and vision | | | | |
| | (3 rd week) Friday 13/10/2023 | Forces on the body | | | | |
| | (4 th week) Monday 16/10/2023 | Waves and Sound | | | | |
| | (5 th week) Monday 23/10/2023 | Ear and Hearing | | | | |
| | (6 th week) Monday 30/10/2023 | Fluid Dynamics | | | | |



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| | (7 th week) Monday 6/11/2023 | The flow of blood in the circulatory system | | | |
| | 8 th week Friday 10/11/2023 | Temperature and Heat | | | |
| | (9 th week) Monday 20/11/2023 | Energy and Metabolic Rates | | | |
| | (10 th week) Monday 27/11/2023 | Electric fields and currents | | | |
| | (11 th week) Friday 8/12/2023 | Membrane potentials and nerve impulses | | | |
| | (12 th week) Monday 11/12/2023 | Nuclei and Particles | | | |
| | (13 th week) Monday 18/12/2023 | X-rays | | | |
| | (14 th week) Monday 25/12/2023 | Revision | | | |

Teaching staff

Dr. Nermin Ali

Course coordinator

Dr. Mona Refaat

Head of the department

Prof. Dr. Fawzia Abu Saad