

PHYSIOLOGY.

BY

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These lectures will be devoted to the consideration of the structure, composition and properties of the several Fluids, Tissues, and Organs of the Body; the natural changes through which they pass; and the functions they discharge. These subjects will be taught in the following order:—

The Structural and Chemical Composition of the HUMAN BODY.

The Principal Elementary Tissues: Epithelium, Areolar and Fibrous Tissues, Adipose Tissue, Cartilage, Bone.

Serous, Synovial, and Mucous MEMBRANES.

The BLOOD.

The CIRCULATION: the structure and functions of the Heart Arteries, Capillaries, and Veins.

RESPIRATION: the Anatomy of the Lungs and Air-passages.

DIGESTION, with a description of the Mouth, Teeth, Salivary Glands, Stomach, Intestinal Canal, Pancreas, and Liver. **FOOD.**

ABSORPTION: Lymphatic Vessels and Glands; Lymph and Chyle—their relation to the Blood.

The Blood-elaborating GLANDS: the Spleen, Thyroid, Thymus Renal Capsules, &c.

NUTRITION, and the consideration of **ANIMAL HEAT,** &c.

SECRETION: the Kidneys, the Mammary Gland, and other Glands not elsewhere described.

The SKIN and its Appendages.

MOTION: Cilia, Muscle.

The NERVOUS SYSTEM: the structure and functions of Nerves and Nerve-Centres: the Spinal Cord, Brain, &c.

The Physiology of the MIND. The SENSES. The VOICE and SPEECH. REPRODUCTION and DEVELOPMENT.

Every day, except Saturday, at 10 a.m.

Books recommended.—Marshall, Kirke, Dalton, Carpenter.

This course
animals demo

IRRITABILITY

INNERVATION

Nerve-Energy

The following

TROPHIC, SENS

CIRCULATION

the Heart.

RESPIRATION

Section of Vag

DIGESTION.

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Lectures will

from four to six

University.