

and permanent treatment for conditions which come legitimately within the sphere of the non-medical director.

The laboratory work consists of clinical practice in the treatment of all types of athletic injuries through first-aid methods. In addition, heat and cold treatment through whirl baths, radiant heat, electric cabinet, showers and douches will be included; and general body conditioning as well as local application through ultra-violet exposure. Massage manipulations during the recuperative stage will receive consideration.

Gymnastic Therapeutics I

Mr. Betzler, 28 days, 56 hours, 3 semester hours. Tuition \$30.

This is an advanced course covering the theory and practice of passive manipulation and gymnastic exercise for the relief of conditions due to inflammation, to trauma and to the stases resulting from insufficient activity.

This course is especially designed for those desiring to develop a private clientele or to enter advanced institutional work.

Physiology A. Muscle and Nerve, Central Nervous System

Dr. Karpovich, 28 days, 56 hours, 3 semester hours. Tuition \$30. Laboratory fee \$1.50.

This course covers the fall term's work in physiology in the regular college course. It includes the phenomena of muscle and nerve, the neuro-muscular apparatus, the central nervous system, brain, cerebrum, cerebellum, cord, autonomic system and special senses. Emphasis is made on application to physical education.

Treatment of Athletic Injuries

Dr. Allen, 14 days, 28 hours, 1½ semester hours.
July 2 to July 14. Tuition \$16. Laboratory fee \$1.

1. *Manipulation.* Upon many occasions a coach is forced to be his own team physician and trainer. This course aims to give the coaches such knowledge and practical skill as will render them efficient in handling "charley horses," sprains, contusions, bruises, "shin splints," and other acute and chronic injuries that occur in athletic competition.