AIM

All students will learn about Anatomy of the human body, blood cell and structure, Physiology of heart, pharmacological and hematologic considerations in pediatric and adult cardiac defects group used open heart operations perfusion techniques and hardware, installation and functioning of the heart-lung pump with practical lessons, the mechanisms associated with the use of basic information about ongoing research and understanding in this field and by equipping the task is to provide the necessary substructure to receive.

KNOWLEDGE
Theoretical/Factual

Heart and circulatory system has basic information about the structure and functioning of the. The basic scientific questions about heart and vascular diseases and what current research fields.

SKILLS
Cognitive/Practical

The heart and vascular system and can do basic scientific questions about the description of Perfusion systems. Citing scientific research related to the field, method and interpret in terms of results. Basic laboratory techniques can applied.

COMPETENCY
Ability to work independently and take responsibility

The heart and vascular system and Perfusion systems can in research team in the task; the mission is to fulfill the responsibility alone can and can work independently.

Learning Competence

Interpret new information related to the field of all levels available in the case, and you can combine them.

Communication and Social Competence

The theoretical and practical studies, communication and computer technologies as efficient uses. Theoretical knowledge and research results can be verbal or written; You can do as much as English, Turkish.

Field-based Competence

Ethics and corporate social responsibility acts appropriately. The heart and vascular system and the ultimate in clinical application of Perfusion systems and acts in accordance with the principle of targeting benefit.