

Health Science: Clinical Rotations

Public Service Endorsement

Career Pathways

- Registered Nurse
- Physical/Occupational Therapy
- Physician Assistant
- Nurse Practitioner
- Social Worker
- Physician MD/DO
- Radiology / Lab

Certification / Certificate Options

- CPR/First Aid (BLS)



Program of Study Course Sequence	9th. Grade	10th. Grade	11th. Grade	12th. Grade
Health Science: Clinical Rotations	Medical Terminology (1 Credit)	Health Science Theory (1 Credit) <i>Prerequisite:</i> **Principles of Health Science, Medical Terminology, and Biology	Anatomy and Physiology (home campus) (1 Credit) AND Practicum in Health Science I Clinical Rotations (2 Credits) <i>Prerequisite:</i> <i>Health Science Theory and Biology</i>	Practicum in Health Science II Clinical Rotations (2 Credits) OR World Health Research (1 Credit) AND Pathophysiology (1 Credit) <i>Prerequisite:</i> <i>Health Science Theory and Biology</i>

Program Highlights

- Clinical rotations at various clinical sites Healthcare provider skills
- Learn to work with different patient and provider needs
- Exposure to various clinical conditions and treatments

CTSO(s)

- HOSA - Future Health Professionals

Program Fees / Requirements

- HOSA membership (Optional)
- Instructor designated scrubs \$100
- Updated immunizations, current TB test and flu shot
- HIPPA Training / Professionalism

Program Location

- Course(s) available at CHS
- Course(s) available at FRHS
- Course(s) available at KHS
- Course(s) available at TCHS
- Grey courses at KCAL (Only)
(Except Anatomy & Physiology)

The Keller Center for Advanced Learning Clinical Rotations program consists of junior and senior level classes. The classes spend time shadowing in various clinical environments including hospital units, clinical settings (Doctor's offices, nursing homes, physical therapy centers, psychiatric providers, sports medicine facilities, dental offices, etc.) and classroom preparation to ensure they are prepared for the challenging situations they may face. Skills include vital signs, HIPAA, clinical conversations, basic life support, and many other healthcare related skills and knowledge components.

Medical Terminology (TEDS: 13020300 / KISD: 81801)

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Health Science Theory (TEDS: 13020400 / KISD: 81803)

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands on experiences for continued knowledge and skills development. The course may be taught by different methodologies such as clinical rotation and career preparation learning.

Anatomy and Physiology (TEDS: 13020600 / KISD: 3203)

This course offers a comprehensive study of the structures and functions of the human body. It will include dissections and the study of the organization of organs and organ systems. Students will utilize critical thinking skills and scientific problem solving as they conduct lab investigations. To receive credit in science, students must meet the 40% laboratory and fieldwork requirement identified in §74.3(b)(2)(C) of this title (relating to Description of a Required Secondary Curriculum). This course is taught at the all main campuses and at the Keller Center for Advanced Learning.

Practicum in Health Science Clinical Rotations

Level I – 11th Grade (TEDS: 13020500 / KISD: 81812)

Level II – 12th Grade (TEDS: 13020510 / KISD: 81842)

The Practicum in Health Science is designed to give students practical applications of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Keller ISD offers 4 practicum opportunities throughout the district. An online district application will be emailed after registration is complete. Students will be asked to rate the Practicum class in order of preference. Due to class size limitations, it is possible a student will not get their first choice. The clinical rotations class will occur in various settings including hospital, clinical, and classroom. Students will be required to comply with HIPAA requirements. Students will also have the opportunity earn certifications in EKG, phlebotomy, and PCT (Patient Care Technician). Class is taught at the Keller Center for Advanced Learning.

World Health Research (TEDS: 13020900 / KISD: 81823)

This course examines major world health problems and emerging technologies as solutions to these medical concerns. The course is designed to improve students’ understanding of the cultural, infrastructural, political, educational, and technological constraints and inspire ideas for appropriate technological solutions to global medical care issues. Class is taught at the Keller Center for Advanced Learning.

Pathophysiology (TEDS: 13020800 / KISD: 81822)

In this course students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of diseases. Students will differentiate between normal and abnormal physiology. To receive credit in science, students must meet the 40% laboratory and fieldwork requirement identified in §74.3(b)(2)(C) of this title (relating to Description of a Required Secondary Curriculum). Class is taught at the Keller Center for Advanced Learning.