

## Health Science: Certified Pharmacy Technician (CPhT)

### Public Service Endorsement

### Career Pathways

- Pharmacist
- Biochemist
- Biophysicist
- Medical Scientist
- Physician, Surgeon
- Registered Nurse

### Certification / Certificate Options

- Certified Pharmacy Technician (CPhT)
- Sterile Products Aseptic Technique Certified
- OSHA HealthCare Certified
- HealthCare Provider CPR



Program of Study Course Sequence	9th. Grade	10th. Grade	11th. Grade	12th. Grade
<b>Health Science: Pharmacy</b>	<b>Medical Terminology</b> (1 Credit)	<b>Health Science Theory</b> (1 Credit) <i>Prerequisite:</i> <b>**Principles of Health Science, Medical Terminology, and Biology</b>	<b>Pharmacology</b> (1 Credit) <b>AND Practicum in Health Science I Pharmacy</b> (2 Credits) <i>Prerequisite:</i> <b>Health Science Theory and Biology</b>	<b>Practicum in Health Science II Pharmacy</b> (2 Credits) <i>Prerequisite:</i> <b>Health Science Theory and Biology</b>

### Program Highlights

- Hands on labs making real medicine
- Externships in local retail/hospital pharmacies

### CTSO(s)

- HOSA - Future Health Professionals

### Program Fees / Requirements

- Instructor specified Scrubs/Lab Coat \$50
- Trainee License \$100
- National Exam (both certifications) \$379
- Must have TB test and Flu Shot prior to externship
- Drug Screen / Background Check Required

### 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)

Pharmacy technicians work primarily for independent pharmacies or pharmaceutical departments of drug stores, such as CVS or Walgreens, and may also work at hospitals or clinics which dispense medication directly to patients.

These technicians are usually supervised by licensed pharmacists and are responsible for preparing and assembling prescriptions for patients. They must provide the highest-quality care to patients at all times and ensure that they are always fully informed about their medicine and its effects. They also take insurance information from patients to type into the computer and provide relevant information related to insurance, co-payments, and deductibles. They may occasionally need to contact insurance companies or physicians on behalf of their patients for prescription clarification or refills, and may also be responsible for operating a cash register. Excellent customer service and phone skills are important in this position in order to work well in a team environment and with diverse people, and some pharmacy technicians are required to train new employees or interns, as well.

**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.

**Pharmacology (TEDS: 13020950 / KISD: 3203)**

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers. Must be taken concurrently Practicum in Health Science 1: Pharmacy. This course is taught at the Keller Center for Advanced Learning.

**Practicum in Health Science Pharmacy**

**Level I – 11th Grade (TEDS: 13020500 / KISD: 81818)**

**Level II – 12th Grade (TEDS: 13020510 / KISD: 81848)**

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 Pharmacy Technician practicum is designed to provide an opportunity to gain a nationally recognized certification after passing the Pharmacy Technician Certification Board examination. To qualify for the examination, students must be able to pass a criminal background screening and have graduated from high school. Students will be required to comply with HIPAA requirements. Class is taught at the Keller Center for Advanced Learning.

**KISD Pharmacy Program:**

The Keller ISD Pharmacy Technician program is taught at the Keller Center for Advanced Learning. This program is a 2 year program beginning in the student’s junior year. Junior pharmacy technician students learn the roles and responsibilities of a pharmacy technician, learn to solve basic pharmacy math, learn the top 200 medications in the US, and start the hands on lab experience. In the senior year of the program, the students will begin to compound medications, practice being a retail pharmacy technician in the KCAL Pharmacy, learn how to make a sterile IC in the KCAL Clean Room, and will go out to local pharmacies to get more hands on experience. The certification for Pharmacy Tech all takes place in the student’s senior year at KCAL.