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# ALLIED HEALTH PATHWAY

ASSOCIATE OF APPLIED SCIENCE-  
ALLIED HEALTH SPECIALIZATION  
& PHARMACY TECH CERTIFICATION

**GRADES 9-12**



PATHWAYS IN TECHNOLOGY

Early College High School

Obtaining a Pharmacy Technician Certificate and an Associate Of Applied Science from Houston Community College is a significant accomplishment. These programs provide comprehensive training in pharmacy technology and allied health, covering essential topics such as pharmaceutical calculations, drug classifications, and healthcare delivery systems. These credentials demonstrate your commitment to professional development and equip you with the knowledge and skills needed to excel in the field.

## PHARMACY TECH COURSES

### 9TH GRADE

PRINCIPLES OF BIOSCIENCE  
CAREER PREPARATION  
HEALTH  
LEARNING FRAMEWORKS

### 10TH GRADE

BIOTECHNOLOGY  
AP SEMINAR/ AP RESEARCH  
INTRO TO HEALTH PROFESSIONS  
INTRO TO PHARMACY  
PROFESSIONAL PRACTICE FOR PHARMACY TECH  
INTRO TO HUMANITIES

### 11TH GRADE

INTRO TO SOCIOLOGY  
DRUG CLASSIFICATION  
PHARMACEUTICAL MATHEMATICS  
MEDICAL TERMINOLOGY  
PHARMACOLOGY  
COMMUNITY PHARMACY PRACTICE

### SUMMER 11TH GRADE

PHARMACOTHERAPY AND DISEASE PROCESS  
CLINICAL INTERNSHIP (RETAIL)

### 12TH GRADE

COMPOUNDING STERILE PREPARATIONS  
INSTITUTIONAL PHARMACY PRACTICES  
INTERNSHIP (HOME CARE)  
INTERNSHIP (HOSPITAL)  
CERTIFICATION REVIEW

## WORK-BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

- CLINICAL PHARMACY TECHNICIAN RETAIL INTERNSHIP
- HOME CARE PHARMACY TECHNICIAN ASSISTANT INTERNSHIP
- HOSPITAL PHARMACY TECHNICIAN ASSISTANT INTERNSHIP

## INDUSTRY-BASED CERTIFICATION(S)

PHARMACY TECHNICIAN CERTIFICATION

or

MEDICAL ASSISTANT LEVEL I CERTIFICATE

## POSTSECONDARY OPPORTUNITIES

BACHELOR'S DEGREES

**NURSING  
HEALTHCARE ADMINISTRATION**

MASTER'S / DOCTORAL

**PHARMACY  
FAMILY AND GENERAL PRACTITIONERS**

SUCCESSFUL COMPLETION OF THE PHARMACY TECH PATHWAY WILL FULFILL REQUIREMENTS OF STEM AND PUBLIC SERVICES ENDORSEMENTS IF THE MATH AND SCIENCE REQUIREMENTS ARE MET.

## STEM+M COURSES

### 6TH GRADE

INTRO TO ROBOTS IN MEDICINE  
AVID

### 7TH GRADE

INTRO TO ANATOMY &  
PHYSIOLOGY  
HEALTH SCIENCE

### 8TH GRADE

PRINCIPLES OF BIOSCIENCE  
ALGEBRA I

## STEM+M PATHWAY

SCIENCE, TECHNOLOGY, ENGINEERING,  
MATH, AND MEDICINE

**GRADES 6-8**



*Become a Longhorn today!*