

PHARMACEUTICAL SCIENCE



FOCUSED | PREPARED
FUTURE READY

Are you interested in the field of healthcare? Becoming a pharmacy technician is a great place to start. The Pharmaceutical Science program is designed for students who want to be a critical member of the healthcare team, essential to provide patients with safe and effective medication therapy.

The Pharmaceutical Science program provides training in basic elements of the field of pharmacy such as medical abbreviations, prescription writing and interpretation, drug forms and routes of administration, non-sterile and sterile compounding, as well as developing relationships between the pharmacist and the pharmacy technician and customers.

This two year program meets at Copley High School and provides training in the field of Pharmacy Technology, with a focus on theory and hands on training of medications, law and inventory skills with the potential to earn the Pharmacy Tech credential. Students completing the Pharmaceutical Science program can go to work immediately in an entry level position or continue their education for additional certifications and opportunities.

What you will learn

- ✓ How to accurately prepare and distribute patient medications
- ✓ Perform calculations
- ✓ Preparation of sterile medicines
- ✓ Techniques of collecting accurate patient information
- ✓ Third party billing and prior authorization completion
- ✓ Use of technology to help maintain accurate patient record, medication inventory, and orders
- ✓ How to ensure compliance and regulatory requirements

What does it take?

- ☞ Pharmacy Technicians are critical thinkers with an attention to detail, who are strong in both math and science.



For more information, contact your high school guidance counselor or visit our website
www.fourcitiescompact.org

Employment Opportunities

- ☆ Retail Pharmacy
- ☆ Hospital Pharmacy
- ☆ Mail Order Pharmacy
- ☆ Pharmaceutical Drug Companies
- ☆ Nuclear Pharmacy
- ☆ Pharmacy Insurance Technician
- ☆ Computer Order Entry Technician

Future Educational Opportunities

- ☆ Pharmaceutical Tech certification
- ☆ Associates degree in Pharmacy, Pharmacology, Pharmaceutical Science
- ☆ Bachelor's degree in Pharmacy/ Pharmacology
- ☆ Doctorate degree in Pharmaceutical Science

Student Club Activities

SkillsUSA
HOSA



Health Science Career Pathway

An Example of Course Planning Schedule

S e c o n d a r y	9	English I	Algebra I	Social Studies US/ World	Physical Science	Fine Arts/ P.E. (.25)	World Language/ Elective	Elective
	10	English II	Geometry	Social Studies US/ World	Biology	Health (.5)/ P.E. (.25)	World Language/ Elective	Elective
	11	English III	Algebra II	US Government/ Economics	Anatomy/ Psy.	Program Courses		
	12	English IV	Additional Math Course	Elective	Chemistry	Program Courses		

High School Career Technical Education Program Course



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