

CERTIFICATE/ASSOCIATE DEGREE\*

# PHARMACY TECHNOLOGY

## Just What The Doctor Ordered – For Your Future.

Whether taking and filling prescriptions under the supervision of a licensed pharmacist or assisting with the day-to-day functions that keep a pharmacy running smoothly, pharmacy technicians have a variety of responsibilities.

The Pharmacy Technology program provides both theory and practical training, which enables technicians, upon licensure, to function as a competent entry-level assistant to a licensed pharmacist. Students gain basic knowledge of pharmacy calculations, drug distribution systems, chemical and physical characteristics of drugs and preparation of sterile dosage forms as well as a thorough knowledge of pharmaceutical and medical terminology, abbreviations, and symbols used in prescribing, dispensing, and documenting medications. Standards of ethics and law as they pertain to pharmacy practice and drug distribution methods are also included in the curriculum. The program culminates in a Certificate of Achievement or an Associate of Science degree<sup>†</sup>. Graduates are eligible and prepared to sit for the Certified Pharmacy Technician (CPhT) national certification exam.\*\*

*According to the U.S. Bureau of Labor Statistics, employment of pharmacy technicians and aides is expected to increase 20% from 2012-2022.‡*

For comprehensive consumer information visit  
[carrington.edu/cc/pt](http://carrington.edu/cc/pt)

\* Program availability varies by location. Carrington College reserves the right to update information as it becomes available. Information is current at the time of printing. For the most updated information, visit [carrington.edu](http://carrington.edu).

† To be eligible for entrance into the Associate of Science degree program in Pharmacy Technology, applicants must have earned a Certificate in Pharmacy Technology from a program accredited by the American Society of Health System Pharmacists (ASHP).

\*\* Carrington College prepares students to take appropriate certification and licensure exams related to their individual majors. The College does not guarantee students will successfully pass these exams or be certified or licensed as a result of completing the program.

‡ Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook (2014-15 Ed.)



### Duties May Include:

- Receiving prescriptions
- Filling prescriptions under the supervision of a pharmacist
- Verifying prescription information
- Preparing prescriptions
- Maintaining patient profiles

### Possible Employment Opportunities:

- Hospitals
- Medical centers
- Mail-order pharmacy
- Private pharmacies
- Outpatient clinics
- Pharmaceutical companies



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# CERTIFICATE/ASSOCIATE DEGREE - PHARMACY TECHNOLOGY

## Student Learning Outcomes

Upon completion of the Pharmacy Technology program, graduates will be able to:

- Demonstrate the skills and knowledge necessary to function as a competent entry level assistant to a licensed pharmacist.
- Demonstrate proficiency in critical thinking, information management, personal and professional development, communication skills, respect and responsibility.

## PROGRAM REQUIREMENTS – Citrus Heights, Pleasant Hill, Pomona, Sacramento, San Jose San Leandro, Stockton

COURSES		Lecture Hours	Lab Hours	Practical Hours	Semester Credit Hours
PHM 111 T	Nervous System, Anti-Infectives and Retail Operations Theory	54	0	0	3.5
PHM 111 L	Retail Operations Lab	15	45	0	2.5
PHM 112 T	Prescription Processing, Pharmacy Software and Pharmacy Calculations Theory	54	0	0	3.5
PHM 112 L	Prescription Processing and Pharmacy Calculations Lab	15	45	0	2.5
PHM 113 T	Pharmacy Calculations, Body Systems and Repackaging Theory	54	0	0	3.5
PHM 113 L	Pharmacy Calculations and Unit Dose Lab	15	45	0	2.5
PHM 114 T	Compounding, Pharmacy Calculations and Body Systems Theory	54	0	0	3.5
PHM 114 L	Compounding and Pharmacy Calculations Lab	15	45	0	2.5
PHM 115 T	Hospital Operations and Parenteral Dosage Calculations Theory	54	0	0	3.5
PHM 115 L	Hospital Operations and Parenteral Dosage Calculations Lab	15	45	0	2.5
CDV 198.2	Career Development Seminar*	30	0	0	2
XTP 200	Externship	0	0	240	4
Total for Certificate		375	225	240	36
ENG 101	English Writing and Composition*	45	0	0	3
MAT 101	Principles of Mathematics*	45	0	0	3
PSY 101	Introduction to Psychology*	45	0	0	3
MAT 151	College Algebra*	45	0	0	3
HUM 200	Ethics in Contemporary Society*	45	0	0	3
SCI 210	Environmental Science*	45	0	0	3
SOC 101	Introduction to Sociology*	45	0	0	3
CLT 100	Computer Literacy*	45	0	0	3
Total for General Education Courses		360	0	0	24
Total from Certificate		375	225	240	36
Total for Degree †		735	225	240	60

\* General education course

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Approximate time to complete the certificate degree program: 36 weeks (not including breaks)

Approximate time to complete the associate degree program: 66 weeks (not including breaks)