Pharmacy Technology

SAN LEANDR0 CAMPUS
CERTIFICATE OF ACHIEVEMENT
ASSOCIATE OF SCIENCE DEGREE

About The Campus

The San Leandro campus is a 40,000 square foot facility that offers both degree and certificate programs. The main campus houses 13 classrooms and learning labs, including a veterinary technology surgical lab. All programs maintain equipment, supplies and learning resources in the classrooms, including ceiling-mounted LCD projectors and DVDs, as well as computers for student access.

The Student Success Center is equipped with reference materials, textbooks, journals, and 30 student computers. The Carrington library website offers online resources and professional organization information. The campus also features a student break room.

About This Program

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.

The program culminates in a Certificate of Achievement or an Associate of Science degree. Graduates are eligible and prepared to sit for the Certified Pharmacy Technician (CPhT) national certification exam[1].

Careers in Pharmacy Technology[2]

Pharmacy technicians receive and fill prescriptions under the supervision of licensed pharmacists. Duties related to the daily operation of the pharmacy are often part of the job, such as answering phones, creating prescription labels, maintaining patient profiles and prescription histories, completing cash register transactions, preparing insurance claim forms and inventory tasks.

Pharmacy technicians' career path can lead to employment[3] in a variety of health care environments such as:

- Pharmacies and drug stores
- Hospitals
- Grocery and Retail stores

Certification, Licensure and Practice Information

States vary in terms of certification, licensure and scope of practice for pharmacy technicians. Generally students must register with their state's Board to become a pharmacy technician in- training. Timeframes for completion vary by state, but all states require that pharmacy technicians attain licensure[1].

Graduates of the Certificate of Achievement program who reside within the State of California are eligible to complete the Associate of Science degree program via the online degree-completion option.

[1] 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. Credential preparation varies by location.

Knowledge and Skills

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 the ability to apply critical thinking, work collaboratively, communicate clearly and act professionally

General Education Coursework

Students in Carrington College's certificate programs complete technical coursework and participate in an online career development seminar course.[3] In Carrington College's degree programs, students also complete a broad base of general education course offerings focusing on:

- English Writing and Composition
- Computer literacy
- Mathematics
- Science
- Social sciences

Technical Coursework

In the Pharmacy Technology program 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.

Carrington's academic catalog, available at carrington.edu/carrington-college/catalog, provides the most current and detailed program information, including admission and graduation requirements.

[2] Individuals seeking to enter this career field may be subject to screenings such as, but not limited to, criminal background checks and drug/alcohol testing prior to externship, to attain occupational licensure/certification or employment, and throughout their careers.

[3] Source: https://www.bls.gov/ooh/healthcare/pharmacy-technicians.htm#tab-3

Visit Carrington.edu or call:
510-964-3085

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Pharmacy Technology Certificate of Achievement Program Requirements

Technical Courses		Lecture Hours	Lab Hours	Clinical 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[1]	Career Development Seminar	30	0	0	2
XTP 200	Externship	0	0	240	4
Total for Certificate		**375**	**225**	**240**	**36**

Approximate time to complete certificate program: 36 weeks (not including breaks). [1]Online general education course

Pharmacy Technology Blended Certificate of Achievement Program Requirements

Technical Courses		Lecture Hours	Lab Hours	Clinical Hours	Semester Credit Hours
PHM 111 T.H[2]	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.H[2]	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.H[2]	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.H[2]	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.H[2]	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[3]	Career Development Seminar	30	0	0	2
XTP 200	Externship	0	0	240	4
Total for Certificate		**375**	**225**	**240**	**36**

Approximate time to complete certificate program: 36 weeks (not including breaks). [2]Blended course [3]Online general education course

Pharmacy Technology Online Associate Degree Requirements

Graduates of the Certificate of Achievement program who reside within the State of California are eligible to complete the Associate of Science degree program via the online degree-completion option shown below.

Online General Education Courses		Lecture Hours	Lab Hours	Practical Hours	Semester Credit Hours
ENG 101	English Writing and Composition	45	0	0	3
MAT 101	Principles of Mathematics	45	0	0	3
MAT 151	College Algebra	45	0	0	3
HUM 200	Ethics in Contemporary Society	45	0	0	3
PSY 101	Introduction to Psychology	45	0	0	3
SOC 101	Introduction to Sociology	45	0	0	3
SCI 210	Environmental Science	45	0	0	3
CLT 100	Computer Literacy	45	0	0	3
Total for General Education Degree Completion Courses		**360**	**0**	**0**	**24**
Total from Certificate		**375**	**225**	**240**	**36**
Total for Degree[4]		**735**	**225**	**240**	**60**

Degree-completion program length: 30 weeks (not including breaks);
Combined certificate and degree-completion option length: 66 weeks (not including breaks).
[4]Degree is conferred from the Sacramento campus

Accreditation & Disclosures

Carrington College is accredited by the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges (ACCJC/WASC), 10 Commercial Blvd., Suite 204, Novato, CA 94949, 415-506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Additional information about accreditation, including the filing of complaints against member institutions, can be found at accjc.org.

For comprehensive information on Carrington's accreditation and approvals, visit carrington.edu/accreditation. Visit carrington.edu/student-consumer-info/ for important information on program outcomes. Program availability varies by location. Carrington College reserves the right to update information as it becomes available. For the most updated information, visit carrington.edu.

San Leandro Campus

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