



# Pharmacy Technology A.S. Degree

The Pharmacy Technology Program includes didactic, laboratory, and practicum components structured to facilitate achieving educational and career goals. Pharmacy technicians are skilled technical health workers who perform a wide variety of pharmacy-related tasks under the direct supervision of a registered pharmacist.

**Total Units: 57-61**

## First Year

### Semester 1-Program

**17-18  
Units**

### Prerequisites/Apply to the Program

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
<b>PHARM 300</b> Introduction to Pharmacy Practice	3		F, S	
<b>PHARM 315</b> Pharmaceutical Calculations I	3	Co- or Pre-req: PHARM 300	F	
<b>PHARM 320</b> Pharmacology of Therapeutic Agents	5	Co- or Pre-req: PHARM 300; Advisory: LIBR 318	F	
<b>CRC Area II(a)-Writing Competency</b> <sup>Z</sup>	3	Recommend meeting with a counselor	F, S, Su	CRC Area II(a)
<b>CRC Area II(b)-Math Competency</b> <sup>Z</sup>	3-4	Recommend meeting with a counselor	F, S, Su	CRC Area II(b)

<sup>Z</sup> At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

### Semester 2- Acceptance to the Program

**15-16  
Units**

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
<b>PHARM 350</b> Pharmaceutical Information Management	4	PHARM 300; Advisory: LIBR 318	S, 8W1**	
<b>PHARM 360</b> Retail Operation of Pharmaceutical Practice	3	PHARM 300	S, 8W2**	

## Career

### Options/Outlook:

Pharmacy technicians prepare medications under the direction of a pharmacist. Typical tasks may include measuring, mixing, counting, labeling, and recording amounts and dosages of medication according to prescription orders; receiving written prescriptions or refilling requests and verifying that the information is complete and accurate; pre-packing bulk medicines, filling bottles with prescribed medications, and typing and affixing labels; maintaining proper storage and security conditions for drugs; assisting customers by answering simple questions, locating items, or referring them to the pharmacist for medication information.

### A sample of reported job titles:

Accredited Pharmacy Technician; Billing and Quality Technician; Certified Pharmacy Technician (CPhT); Compounding Technician; Lead Pharmacy Tech, Certified Pharmacy Technician (Lead Pharmacy Tech, CPhT); Lead Pharmacy Technician (Lead Pharmacy Tech); Pharmacy Technician (Pharmacy Tech); Senior Pharmacy Technician; Technician; Technician, Inventory Specialist

### Projected job openings in California (2020-2030):

3,360

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>PHARM 370</b> Pharmaceutical Calculations II	2	PHARM 300 & 315	S, 8W1**	
<b>PHARM 380</b> Preparation of Sterile Products	3	PHARM 300 & 315	S, 8W2**	
<b>CRC Area III(a)-Physical Edu Activity</b> <b>Z</b>	1		F, S, Su	CRC Area III(a)
<b>CRC Area III(b)-Life Development Skills</b> <b>Z</b>	2-3		F, S, Su	CRC Area III(b)

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\*\*8W1 = first 8 weeks of the semester; 8W2 = second 8 weeks of the semester.

## Year 2

### Semester 3 (Summer)

6 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>PHARM 400</b> Pharmacy Technician Profession	2	PHARM 350, 360 & 380	Su, 8W1	
<b>PHARM 410</b> Acute Care Practicum	2	PHARM 350 & 400	Su, 8W2	
<b>PHARM 420</b> Retail Practicum	2	PHARM 350, 360, & 400	Su, 8W2	

### Semester 4

19-21 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>CRC Area V(b)-Social &amp; Behavioral Sciences</b> <sup>1</sup> <b>Z</b>	3		F, S, Su	CRC Area V(b)
<b>CRC Area VI-Ethnic/Multicultural Studies</b> <sup>2</sup> <b>Z</b>	3		F, S, Su	CRC Area VI
<b>BIOL 100</b> <sup>3</sup> <b>Z</b> Introduction to Concepts of Human Anatomy and Physiology or	3		F(O), S(O)	CRC Area IV
<b>BIOL 102</b> <sup>3</sup> <b>Z</b> Essentials of Human Anatomy and Physiology	4		F, S	CRC Area IV

## Projected growth in California (2020-2030):

15% growth

## Median Salary in California (2021):

\$46,760/yr

## Source:

<https://www.onetonline.org/link/summary/29-2052.00>

## Transfer notes:

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

## General Education (GE):

Non-specified GE courses identified by CRC Area, CSU Area or IGETC Area without pre- or co-requisite can be taken at any semester.

## Honors option:

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

## About this program map:

This program map represents one possible pathway to complete the program. Please see a counselor to create an education plan customized to meet your needs. This map is not a guarantee of course

availability or financial aid applicability.

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>COMM 301</b> <sup>4</sup> <b>Z</b> Introduction to Public Speaking	3	Advisory: eligible for ENGWR 300	F, S	CRC Area II(b)
<b>CRC Area I- Humanities</b> <b>Z</b>	3		F, S, Su	CRC Area I
<b>CRC Area V(a)- American Institutions</b> <b>Z</b>	3		F, S, Su	CRC Area V(a)
<b>Elective</b> <sup>5</sup>	1-2		F, S, Su	

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<sup>^</sup>You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

\*(O) = online available, (P) = partially online

<sup>1</sup> Suggestion-ECON 304 Prin of Microeconomics (3 units), Pre-req: MATH 100, 102 or 1 yr HS Elem Alg; Advisory: MATH 120 or 124, F(O), S(O), Su(O), CRC Area V(b).

<sup>2</sup> Suggestion: COMM 325 Intercultural Comm (3 units), Advisory: ENGWR 101, F, S, Su, CRC Area VI.

<sup>3</sup> Suggested for GE Area IV

<sup>4</sup> Suggested for GE Area II(b)

<sup>5</sup> Refer to [Course Number](#) for the appropriate courses for the degree.

## Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.