

CURRICULUM STANDARD

<i>Effective Term</i> Fall 2019 [2019*03]

Curriculum Program Title	Pharmacy Technology	Program Code	A45580
Concentration	(not applicable)	CIP Code	51.0805

Curriculum Description

The Pharmacy Technology Program prepares individuals to assist the pharmacist in duties that a technician can legally perform and to function within the boundaries prescribed by the pharmacist and the employment agency.

Students will prepare prescription medications, mix intravenous solutions and other specialized medications, update patient profiles, maintain inventories, package medications in unit-dose or med-card form, and gather data used by pharmacists to monitor drug therapy.

Employment opportunities include retail, hospitals, nursing homes, research laboratories, wholesale drug companies, and pharmaceutical manufacturing facilities. Graduates from the program may be eligible to take the National Certification Examination to become a certified pharmacy technician.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** (if applicable). A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Pharmacy Technology A45580

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Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																																																				
A. CORE <i>Courses required for the diploma are designated with *</i> Required Courses: <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">*</td><td style="width: 15%;">PHM 110</td><td style="width: 60%;">Introduction to Pharmacy</td><td style="width: 20%;">3 SHC</td></tr> <tr><td>*</td><td>PHM 111</td><td>Pharmacy Practice I</td><td>4 SHC</td></tr> <tr><td>*</td><td>PHM 115</td><td>Pharmacy Calculations</td><td>3 SHC</td></tr> <tr><td></td><td>PHM 118</td><td>Sterile Products</td><td>4 SHC</td></tr> <tr><td>*</td><td>PHM 120</td><td>Pharmacology I</td><td>3 SHC</td></tr> <tr><td></td><td>PHM 125</td><td>Pharmacology II</td><td>3 SHC</td></tr> <tr><td>*</td><td>PHM 140</td><td>Trends in Pharmacy</td><td>2 SHC</td></tr> <tr><td></td><td>PHM 150</td><td>Hospital Pharmacy</td><td>4 SHC</td></tr> <tr><td></td><td>PHM 155</td><td>Community Pharmacy</td><td>3 SHC</td></tr> <tr><td></td><td>PHM 160</td><td>Pharm Dosage Forms</td><td>3 SHC</td></tr> <tr><td>*</td><td>PHM 165</td><td>Pharmacy Prof Practice</td><td>2 SHC</td></tr> </table> Required Subject Area: *Pharmacy Clinical. Select a minimum of 8 SHC: Select a minimum of 2 SHC for Diploma or Certificate: <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;"></td><td style="width: 15%;">PHM 132</td><td style="width: 60%;">Pharmacy Clinical</td><td style="width: 20%;">2 SHC</td></tr> <tr><td></td><td>PHM 133</td><td>Pharmacy Clinical</td><td>3 SHC</td></tr> <tr><td></td><td>PHM 134</td><td>Pharmacy Clinical</td><td>4 SHC</td></tr> <tr><td></td><td>PHM 135</td><td>Pharmacy Clinical</td><td>5 SHC</td></tr> <tr><td></td><td>PHM 136</td><td>Pharmacy Clinical</td><td>6 SHC</td></tr> <tr><td></td><td>PHM 138</td><td>Pharmacy Clinical</td><td>8 SHC</td></tr> </table>	*	PHM 110	Introduction to Pharmacy	3 SHC	*	PHM 111	Pharmacy Practice I	4 SHC	*	PHM 115	Pharmacy Calculations	3 SHC		PHM 118	Sterile Products	4 SHC	*	PHM 120	Pharmacology I	3 SHC		PHM 125	Pharmacology II	3 SHC	*	PHM 140	Trends in Pharmacy	2 SHC		PHM 150	Hospital Pharmacy	4 SHC		PHM 155	Community Pharmacy	3 SHC		PHM 160	Pharm Dosage Forms	3 SHC	*	PHM 165	Pharmacy Prof Practice	2 SHC		PHM 132	Pharmacy Clinical	2 SHC		PHM 133	Pharmacy Clinical	3 SHC		PHM 134	Pharmacy Clinical	4 SHC		PHM 135	Pharmacy Clinical	5 SHC		PHM 136	Pharmacy Clinical	6 SHC		PHM 138	Pharmacy Clinical	8 SHC	42 SHC	19 SHC	12 SHC
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B. CONCENTRATION (Not applicable)																																																																							
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> BIO, BUS, CIS, CSC, HSC, MED, PBT, PHM, PSY, SOC, and WBL <i>Up to two semester hour credits may be selected from ACA.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i>																																																																							