

CURRICULUM STANDARD

Effective Term
Fall 2010
[2010*03]

Curriculum Program Title	Histotechnology	Program Code	A45370
Concentration	(not applicable)	CIP Code	51.1007

Curriculum Description

This curriculum provides individuals with the knowledge and skills necessary to prepare tissue specimens for microscopic examination using various stains and dyes to identify tissue and cell structures.

Course work emphasizes scientific concepts related to laboratory testing, quality assurance, histology, microscopy, and other related topics.

Graduates may be eligible to apply to take the national examination given by the Board of Registry of the American Society for Clinical Pathology. Employment opportunities include pathology laboratories in hospitals and clinics and medical or research laboratories.

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.

Histotechnology (A45370)

	AAS	Diploma	Certificate																																																
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: 10%;">BIO</td><td style="width: 10%;">163</td><td style="width: 70%;">Basic Anatomy & Physiology</td><td style="width: 10%;">5 SHC</td></tr> <tr><td>BIO</td><td>271</td><td>Pathophysiology</td><td>3 SHC</td></tr> <tr><td>BIO</td><td>275</td><td>Microbiology</td><td>4 SHC</td></tr> <tr><td>CHM</td><td>130</td><td>General, Organic & Biochemistry</td><td>3 SHC</td></tr> <tr><td>CHM</td><td>130A</td><td>General, Organic & Biochemistry Lab</td><td>1 SHC</td></tr> <tr><td>HTO</td><td>110</td><td>Intro to Histotechnology</td><td>3 SHC</td></tr> <tr><td>HTO</td><td>120</td><td>Histology</td><td>5 SHC</td></tr> <tr><td>HTO</td><td>130</td><td>Histotechniques</td><td>5 SHC</td></tr> <tr><td>HTO</td><td>140</td><td>Histochemistry</td><td>5 SHC</td></tr> <tr><td>HTO</td><td>210</td><td>Histopathology</td><td>4 SHC</td></tr> <tr><td>HTO</td><td>220</td><td>Histotechnology Clinical</td><td>8 SHC</td></tr> <tr><td>HTO</td><td>230</td><td>Professional Issues</td><td>3 SHC</td></tr> </table>	BIO	163	Basic Anatomy & Physiology	5 SHC	BIO	271	Pathophysiology	3 SHC	BIO	275	Microbiology	4 SHC	CHM	130	General, Organic & Biochemistry	3 SHC	CHM	130A	General, Organic & Biochemistry Lab	1 SHC	HTO	110	Intro to Histotechnology	3 SHC	HTO	120	Histology	5 SHC	HTO	130	Histotechniques	5 SHC	HTO	140	Histochemistry	5 SHC	HTO	210	Histopathology	4 SHC	HTO	220	Histotechnology Clinical	8 SHC	HTO	230	Professional Issues	3 SHC	49 SHC		
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C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ACA, BIO, CHM, CIS, COE CSC, HTO, PTE, 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>																																																			