CURRICULUM STANDARD

Curriculum Program Title	**Digital Effects and Animation Technology**	Program Code **A30130**
Concentration	**(not applicable)**	CIP Code ***10.0304***

Curriculum Description

The Digital Effects and Animation Technology curriculum is designed to provide students with the training necessary to become competent in creating, manipulating, and animating digital images. These skills have application in the production of a variety of moving image forms.

Students will take courses covering computer hardware/software applications, computer animation, creation and manipulation of digital images and nonlinear editing. They will become proficient at using media industry standard hardware/software to generate and manipulate images, and create digital special effects.

Upon completion of this program, students will be able to generate moving images and manipulate captured images for a variety of media production applications. Graduates should qualify for employment in the creation and/or editing of a variety of media forms.

*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.

Digital Effects and Animation Technology A30130	AAS	Diploma	Certificate
Minimum Major Hours Required	**49 SHC**	**30 SHC**	**12 SHC**
A. **CORE**	**33 SHC**	**NR**	
Required Courses:			
DEA 111 Introduction to DEAT 3 SHC DEA 112 2D Design and Animation I 3 SHC DEA 212 2D Design and Animation II 3 SHC DEA 213 3D Design and Animation I 3 SHC DEA 214 3D Design and Animation II 3 SHC DEA 220 DEAT Compositing 3 SHC DEA 221 DEAT Modeling 3 SHC DEA 230 Implementation Project I 4 SHC DEA 231 Implementation Project II 4 SHC DEA 240 DEAT Portfolio Review 4 SHC			
Required Subject Areas: None			
B. **CONCENTRATION** *(Not applicable)*			
C. **OTHER MAJOR HOURS** *To be selected from the following prefixes:* ACA, ART, BPT, CIS, CSC, DEA, DES, FVP, GRA, ITN, SGD, WBL and WEB *Up to two semester hour credits may be selected from ACA.* *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.*			