

§130.85. Animation II (One Credit), Adopted 2015 -and- §130.86. Animation II Lab (One Credit), Adopted 2015.

DOMAIN 1 – PROFESSIONAL PRACTICE

(1B) demonstrate positive work behaviors and personal qualities needed to be employable
(3E) apply active listening skills
(3F) listen to and speak with diverse individuals
(3G) exhibit public relations skills
(4A) employ critical-thinking skills independently and in groups
(4B) employ interpersonal skills in groups to solve problems
(8A) employ leadership skills to accomplish goals and objectives by analyzing the various roles of leaders within organizations, exhibiting problem-solving and management traits, describing effective leadership styles, and participating in civic and community leadership and teamwork opportunities to enhance skills
(8B) establish and maintain effective working relationships by providing constructive praise and criticism, demonstrating sensitivity to and value for diversity, and managing stress and controlling emotions
(8C) prepare for meetings by developing goals and objectives to achieve within a scheduled time and producing agendas
(8D) conduct and participate in meetings to accomplish work tasks by achieving goals and objectives within a scheduled time, producing meeting minutes, including decisions and next steps; and using parliamentary procedures, as needed
(8E) employ mentoring skills to inspire and teach others
(9A) exhibit ethical conduct
(9C) model respect for intellectual property
(9D) demonstrate proper etiquette and knowledge of acceptable use policies

DOMAIN 2 – OFFICE PRACTICE

(2A) apply English language arts knowledge by demonstrating skills such as correct use of content, technical concepts, vocabulary, grammar, punctuation, and terminology to write and edit a variety of documents
(3B) organize oral and written information
(3C) interpret and communicate information
(5) The student applies technology applications. The student is expected to use personal information management, email, Internet, writing and publishing, and presentation applications for animation projects
(10) The student applies advanced technical skills for efficiency. The student is expected to employ planning and time-management skills to complete work tasks
(11A) operate communication systems to prepare and conduct verbal and visual communication

DOMAIN 3 – CAREER RESEARCH

(1A) participate in training, education, or certification for employment
(1C) demonstrate skills related to seeking and applying for employment to find and obtain a desired job, including identifying job opportunities, developing a resume and letter of application, completing a job application, and demonstrating effective interview skills

DOMAIN 4 – PROJECT ORGANIZATION

(1D) maintain a career portfolio to document information such as work experiences, licenses, certifications, and work samples
(3A) adapt language for audience, purpose, situation, and intent
(3D) deliver formal and informal presentations
(11B) use production elements such as transitions, edits, framing, angle, and lighting techniques
(11C) use orthographic and isometric drawing techniques
(11D) demonstrate familiarity with commercial production applications
(12A) apply animation principles such as arcs, timing, and exaggeration
(14A) analyze target audience to identify needs and wants
(14B) write and edit scripts
(14C) create storyboards
(14D) select aspect ratio and frame rate appropriate to delivery method
(15A) design color and compositional elements
(15B) design characters, environments, and props
(15C) model characters, environments, and props
(15D) light sets or animating lights as needed
(15E) develop rigs for animating characters
(15F) assemble particle systems for visual effects such as rain, snow, and fire
(15G) animate characters, environments, or cameras
(15H) incorporate music and sound effects
(15I) render scenes
(16A) edit
(16B) produce titles and credits
(16C) add visual effects and processing
(16D) add audio effects and processing
(16E) produce output

DOMAIN 5 – INDUSTRY MATERIALS & METHODS

(6) The student understands animation systems. The student is expected to analyze and summarize the history and evolution of the animation field
(7) The student applies cyber safety procedures. The student is expected to implement personal and professional safety rules and regulations
(9B) apply copyright laws
(12B) identify animation elements such as cycles, layers, transitions, and transparency
(13A) identify animation design elements such as line, color, shape, and texture
(13B) explain the use of additive color theory
(13C) compare various styles of animation

DOMAIN 6 – MATHEMATICS & PHYSICS PRINCIPLES

(2B) apply mathematics knowledge and skills such as using whole numbers, decimals, fractions, and knowledge of arithmetic operations