2D Animation with Toon Boom Studio – Course Competencies

1. Basic Computer Literacy

   a. Understands hardware nomenclature
   b. Understands system software skills
   c. Understands search and desktop icons
   d. Understands menus and commands

2. Design Elements

   a. Understands simple layouts
   b. Understands design problem solving activities
   c. Understands the principles and elements of art
   d. Understands the twelve principles of animation

3. Simple Character Design and Construction in Toonboom studio

   a. Understands how to design and construct a character
   b. Understands how to deconstruct a character into a cutout puppet

4. Color

   a. Understands color theory
   b. Understands how to colorize objects
   c. Understands how to create custom palettes
   d. Understands gradients and transparency

5. Cycles

   a. Understands two legged walk cycles
   b. Understands four legged walk cycles
   c. Understands jump cycles

6. Breakdown and Lip Sync in Toonboom Studio

   a. Understands the mouth chart
   b. Understands Lip Sync
   c. Understands Morphing

7. Camera in Toonboom Studio

   a. Understands camera view and trajectory

b. Understands Multiplaning and camera movement

c. Understands 3D Space

8. Library And Symbols in Toonboom Studio

a. Understands creating symbols

b. Understands opening, closing and creating new libraries

9. Special Effects in Toonboom Studio

a. Understands creating and animating special effects

10. Essential Employability Skills/ Career Preparation

a. Demonstrates personal skill development (positive attitude, honesty, self- confidence, time management)

b. Demonstrates effective interpersonal skills (group dynamics, conflict resolution, negotiations)

c.   Demonstrates academic skills, critical thinking and problem solving in the workplace.

d. Demonstrates effective communication

e. Demonstrates occupational safety issues and observe all safety rules

f. Demonstrates career awareness and knowledge of pathways

g. Demonstrates ability to adapt to changing technology

h. Demonstrates ability to prepare for employment (resume, job application, job interview, portfolio development)