



2023-2024 Academic Year

3-D Animation

Certificate of Proficiency

Liberal Arts Division

[609.570.3378](tel:609.570.3378) admiss@mccc.edu

The **3-D Animation** Certificate prepares students for positions as 3-D production artists, animators, and modelers. Typical employers include animation studios; advertising agencies; design firms; television, film and video effects houses; and other branches of the entertainment industry.

PROGRAM OUTCOMES

- Explain the pre-production process, including character design and storyboarding;
- Visualize and animate story ideas;
- Apply animation and storytelling principles to specific animation projects;
- Apply design principles to create 3-D computer animations that communicate effectively;
- Apply professional 3-D modeling and animation software applications;
- Solve design problems, which contain change over time, 3-D models, camera positions, lighting, and textures;
- Create a professional portfolio to serve in the pursuit of further education or employment.

SEE ALSO:

[Digital Media Arts](#) degree program

CERTIFICATE CURRICULUM

2023-2024 Academic Year

ANIMTN.CERT

CIP 500402

Credit-bearing certificate programs can serve as gateways to earning an associate degree. Students are encouraged to consult the program coordinator, an academic advisor or Success Coach to explore such opportunities.

Code	Course (lecture/lab hours)	Credits
<u>ENG 101</u>	English Composition I (3/0)	3
<u>ART 102</u>	Basic Drawing (1/4)	3
<u>ART 104</u>	Life Drawing (1/4)	3
<u>ART 125</u>	Topics in Contemporary Art (3/0)	3
<u>DMA 105</u>	Introduction to Computer Art (1/4)	3
<u>DMA 120</u>	3-D Modeling I (1/4)	3
<u>DMA 135</u>	Digital Narrative (1/4)	3
<u>DMA 220</u>	3-D Modeling II (1/4)	
	<i>OR</i>	3
<u>DMA 224</u>	Rigging for Animation and Games (1/4)	
<u>DMA 225</u>	Computer Animation I (1/4)	3
<u>DMA 226</u>	Computer Animation II (1/4)	3
<u>DMA 250</u>	Digital Portfolio Seminar (1/4)	3
		33