Game Art: Character Modeling
44 unit certificate • 60 unit degree

The Character Modeling program is designed to provide students with the knowledge and skills for an entry level job in the video game and animation industries, or for university transfer. Courses cover fundamental artistic skills, human and animal anatomy, character design, 3D modeling, and rigging a character for animation.

Required Courses (to earn certificate)

GAM-21 History of Video Games (3 units)*
A comprehensive study of the evolution of video games.

GAM-32 Designing Game Characters (3 units)
Prerequisite: GAM-81
This course provides continued study of the application of 3D modeling techniques within a computer animation environment.

GAM-33 Advanced Digital Sculpting (3 units)
Prerequisite: GAM-32
Continued study to perfect character modeling techniques with advanced sculpting methods.

GAM-35 Introduction to Simulation and Game Development (3 units)
An introduction to the field of simulation and computer gaming.

GAM-41 Game Asset and Engine Integration (3 units)* *Prerequisite: GAM-81*
An intermediate 3D modeling class with a strong focus in low poly modeling, texture mapping and importing art assets into an industry standard game engine.

GAM/CIS-44 Portfolio Production (2 units)
Concurrent enrollment requirement: GAM-33 /Prerequisite: GAM-82 and GAM-41
Creative organization and presentation of a body of work exhibiting portfolio-quality aptitude.

GAM-70 Game Development Basics (2 units)
Introduction to fundamental computer concepts related to typical functions required of a game artist.

GAM-71 Perspective for Game and Animation (3 units) *Prerequisite: GAM-80*
This is a perspective drawing class which focuses on creating believable environments.

GAM-72 Anatomy for Game Art (3 units)
Prerequisite: GAM-80
An intensive study of the human figure and animal anatomy in preparation for construction of 3D models for the Game Industry.

GAM-73 Storyboarding for Games (3 units)*
Prerequisite: GAM-81
Application of strong composition, posing, and camera techniques to tell an engaging story in a video game environment.

GAM-79B Game Studio: Character Modeling (4 units) *Concurrent enrollment requirement: GAM-33/ Prerequisite: GAM-82 and GAM-41*
This is the culminating class in the area of character modeling for game art.

GAM-80 Digital Drawing for Game Art (4 units)*
Introduction to digital drawing techniques using industry standard software.

GAM-81 3D Modeling and Texturing (4 units)*
Prerequisite: GAM-80
This course introduces the concepts of 3D Modeling in a virtual environment.

GAM-82 Game Rigging and Animation (4 units)*
Prerequisite: GAM-81
A course that teaches students how to prepare an animation rig accurately and anatomically in a 3D simulation **environment.**

Game Development

Game Art: Character Modeling
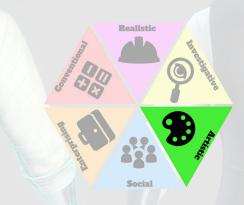
Tuition $2,024 • Duration of Study: 24 months

An Associate of Science Degree in Game Art: Character Modeling will be awarded upon completion of the required courses (44 units) plus the General Education requirements. Please refer to the Norco College Catalog or visit the Counseling Center.

Job & Wage Information

- 3D Artist/Multimedia Artists & Animators
  Wage Range*: $21.52-62.42
  10% increase in employment expected in CA 2016-2026; 2,460 openings annually
  More info: http://bit.ly/MultiMediaA-A

- Software Developer, Applications
  Wage Range*: $25.64-69.47
  40% increase in employment expected in CA 2016-2026; 15,500 openings annually
  More info: http://bit.ly/Softwaredevelop

*2018, Riverside/Ontario/San Bernardino Metro Area

What type of interests might be a good fit for this career choice?

Artistic

People who have artistic, innovating, or intuitional abilities. People who prefer using their creativity or imagination.

For more information on careers that fit this category of interests, visit the Career Center in the Center for Student Success.

What's Your School?

NORCO COLLEGE
SCHOOL OF
Science, Technology, Engineering & Mathematics

Visit www.norcocollege.edu/STEM for more information about this program.
View gainful employment information at: www.norcocollege.edu/academicaffairs/cte

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