

Information Systems Technology: Game Programming Concentration

Associate of Applied Science Degree

Program Overview: In this major you will learn how to plan and write video game software. You will be able to turn ideas, art, and music into a game that works. Game Programmers translate ideas into mathematical equations the computer understands. You will learn how to control the speed and placement of art and sound, and learn the most efficient ways to write software.

How Much Can I Earn?

\$36,700- \$47,550*

*Wages and salary data provided by the Bureau of Labor Statistics, Tennessee Department of Labor

What Will I Do On The Job?

You will search for the most efficient way to write software, you will also deal with graphics, artificial intelligence, user interfaces, the internet and many other problems that you will have to solve. On the job, you will use different types of coding languages and work as a team with other types of programmers to create full-featured video games.

What Skills Will I Use On The Job?

You will need to be flexible as well as fast, need to be able to accomplish as much as possible with the fewest instructions and a fast processing time. You will need to have the ability to work well as a part of a team, work well under pressure, and have strong math skills.

Possible Job Titles:

Engine Programmer, Tool Programmer, Graphics Programmer, Artificial Intelligence Programmer, Lead Programmer

Need More Information?

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