Web Technologies & Game Programming

PROGRAM SUMMARY
- Bring your ideas to life by writing your own software.
- Like playing games? Design and code your own!
- Be a bigger part of the web by creating web pages and sites.
- Be a part of the virtual world.
- Become a leader in game design!

COLLEGE CREDIT CONNECTIONS
- Bryant and Stratton
- Canisius College

PROGRAM ELIGIBILITY
- Students in this program are eligible for post-secondary dual enrollment opportunities.
- Technical Endorsement
- 3.75 Credits per Year
- Pathways to Graduation (CTE and CDOS)

Career Paths

PROFESSIONAL CAREERS
- Software Developer
- Computer Systems Analyst
- Information Security Analyst
- Web Developer & Project Engineer
- IT Manager
- Computer Systems Administrator
- Computer Programmer
- Game Production and Management

TECHNICAL CAREERS
- Computer Support Specialist
- 3D Game Programmer
- Web Application Developer
- Web Developer
- Technical Product Manager
- Think Tank Analyst
- Beta Tester

ENTRY LEVEL CAREERS
- Game Interface Design
- Coder
- Web Design and Maintenance
- Entrepreneur
- Data Entry / Database Design
- Systems Analysis
- Entrepreneur
WEB DESIGN
- Creating Dynamic Web Sites
- Working with Video, Sounds, and Images
- Designing Small Web Files (SWF) Games and Movies

WEB DEVELOPMENT APPLICATIONS
- Adobe Software
- Interactive Game Development
- Cascading Style Sheets (CSS)
- Design Your Own Website

PROGRAMMING
- Basics of Programming
- Game Programming Languages
- 3D Game Programming

GAME DEVELOPMENT APPLICATIONS
- Program Graphical Computer Programs
- Learn Programming and Have Fun
- Virtual Learning Activities
- Design Your Own Game

DATABASES
- How Internet Buying and Selling Works
- Organizing Customer Information
- Creating Forms and Reports