



Web Technologies & Game Programming

2 YEAR PROGRAM

POTTER

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
- Villa Maria 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

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

TECHNICAL CAREERS

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

ENTRY LEVEL CAREERS

Coder
 Data Entry / Database Design
 Entrepreneur
 Game Interface Design
 Systems Analysis
 Web Design and Maintenance 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

