

GAME DESIGN AND DEVELOPMENT, CERTIFICATE

The **Game Design and Development certificate** will prepare the student for careers in video game design and development.

For more information about Computer and Information Science, please visit the program page (<http://www.cod.edu/cis/>).

Certificate Requirements

Field of Study Code: CIS.CER.GAMED

Code	Title	Credits
CIS 1199	Introduction to Game Industry	3
CIS 1200	Game Design	3
CIS 1201	Advanced Game Design	3
CIS 1211	2D Game Development	3
CIS 1212	Game Asset Creation Ad File Optimization	3
CIS 1400	Programming Logic and Technique	4
CIS 2211	2D Game Scripting	3
CIS 2212	3D Game Development	4
CIS 2541	C++ Language Programming	4
ART 1101	Drawing I	3
Total Credits		33

This page lists programs related to one another.

- Application and Technical Support Specialist, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/application-technical-support-specialist-aas/>)
- Business Productivity Software, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/business-productivity-software-certificate/>)
- C++ Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/c-language-proficiency-certificate/>)
- Data Analytics, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/data-analytics-certificate/>)
- Database Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/database-proficiency-certificate/>)
- Enterprise Database Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/enterprise-database-proficiency-certificate/>)
- Game Animation and Design, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/game-animation-design-aas/>)
- Game Design and Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/game-design-development-aas/>)
- Game Programming and Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/game-programming-development-aas/>)
- Game Programming and Development, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/game-programming-development-certificate/>)
- Internet of Things (IoT) Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/internet-of-things-proficiency-certificate/>)
- iOS Developer Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/iphone-ipad-developer-proficiency-certificate/>)
- JAVA Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/java-language-proficiency-certificate/>)
- LINUX, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/linux-certificate/>)
- Python Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/python-language-proficiency-certificate/>)
- Software Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/software-development-aas/>)
- Spreadsheet Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/spreadsheet-proficiency-certificate/>)
- UNIX Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/unix-proficiency-certificate/>)
- Visual BASIC Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/visual-basic-language-proficiency-certificate/>)
- Web Client Developer, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/web-client-developer-certificate/>)
- Web Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/web-development-aas/>)
- Web Programmer, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/web-programmer-certificate/>)
- Windows Network Administration, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/windows-network-administration-certificate/>)