



[CGAGAAS; CIP Code 11.0803]

Associate in Applied Science (A.A.S.) – Career

The Computer Graphic Arts (CGA) Game/Interactive Design Option is a hands-on, software-intensive program designed to provide students with the knowledge and skills required in the field of Game/Interactive Design. This program includes hands-on instruction using the most popular software packages used in the industry.

Program Learning Outcomes

Students who have completed the program should be able to:

- Use animation and motion graphics software tools at a highly competent level
- Understand the different types of gaming technologies available
- Understand how to design and develop a basic game, understand how to design and develop websites
- Understand how to create graphics for screen use

Program Contact

Mary Malincono, Associate Professor
and Coordinator, Computer Graphic Arts
mmalinco@rcsj.edu

Computer Graphic Arts: Game/Interactive Design, A.A.S.

FIRST YEAR – Fall Semester

☐ COGA 103 Design, Type, and Color	3
☐ COGA 115 Foundations of Computer Graphic Arts	3
☐ ARTS 117 Introduction to Digital Photography	3
☐ ENGL 101 English Composition I or ENGL 101E Enhanced English Composition I	3–4
☐ MATH 101 Concepts of Mathematics	3
	15–16

Spring Semester

☐ COGA 118 Introduction to Animation	3
☐ COGA 130 Video and Audio Editing	3
☐ COGA 121 Introduction to Electronic Publishing and Typography	3
☐ ENGL 102 English Composition II	3
☐ _____ General Education Elective	3
	15

SECOND YEAR – Fall Semester

☐ COGA 212 Screen Graphics	3
☐ COGA 215 Electronic Illustration I	3
☐ COGA 217 Electronic Image Processing	3
☐ _____ General Education Social Science Elective	3
☐ COMM 104 Business Communication or ISCC 211 Internship Capstone	3
	15

Spring Semester

☐ ARTS 217 Intermediate Digital Photography	3
☐ COGA 219 Web Design	3
☐ COGA 218 Game and Interactive Authoring	3
☐ _____ General Education Elective	3
☐ _____ General Education Elective	3
	15

TOTAL MINIMUM CREDITS: 60

Program Notes

Computer Graphic Arts is an academic program that requires students to complete assignments beyond class time. The Computer Graphic Arts program requires students to have a computer at home with specific technology requirements, which will allow students to run the Adobe Creative Cloud Software Suite. For the specific technical requirements for the computer, please see RCSJ.edu/Laptop. In addition, students taking CGA courses will be provided the Adobe Creative Cloud software via the student's RCSJ email. This will allow students to install the software onto their personal computers.

✦ Are you ready to get started
at RCSJ? Visit RCSJ.edu/Enroll
and complete the interest form. ✦