

Rowan College of South Jersey
COMPUTER GRAPHIC ARTS –Interactive/Game Design
Associate in Applied Science (A.A.S.) – Career
Program Requirements

The CGA Interactive/Game is a hand on software intensive program designed to provide students with the knowledge and skills required in the field of Print Design. This program includes hands-on instruction using the most popular software packages used in the industry. The program is designed to prepare students for a career as a computer graphic artist, and/or for various positions such as graphic designer, game/app designer and web designer. Students who have completed the program will 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 web sites
- Understand how to create graphics for screen use

Required Core and Elective Courses

<u>Communications</u>		<u>Credits</u>
ENG 101	English Composition I	3
ENG 102	English Composition II	3
<u>Mathematics</u>		
MAT101	Concepts of Mathematics	3
<u>Social Science</u>		
_____	Elective	3
<u>General Education Electives</u>		
_____	Elective	3
_____	Elective	3
_____	Elective	3
<u>Graphic Arts</u>		
ART 131	Introduction to Digital Photography	3
ART 231	Intermediate Digital Photography	3
CGA 103	Design, Color and Type	3
CGA 115	Foundations of Computer Graphic Arts	3
CGA 118	Introduction to Animation	3
CGA 120	Introduction to Electronic Publishing & Typography	3
CGA 130	Video and Audio Editing	3
CGA 212	Screen Graphics	3
CGA 215	Electronic Illustration I	3
CGA 217	Electronic Image Processing	3
CGA 218	Game & Interactive Authoring	3
CGA 219	Web Design	3
COM 104	Business Communications OR	3
CEP 211	Cooperative Education Work Experience	
<u>TOTAL MINIMUM CREDITS:</u>		<u>60</u>

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Four Semester Sequence of Course

<u>FIRST YEAR – Fall Semester</u>			<u>Credits</u>
_____	CGA 103	Design, Color and Type	3
_____	CGA 115	Foundations of Computer Graphic Arts	3
_____	ART 131	Introduction to Digital Photography	3
_____	ENG 101	English Composition I	3
_____	MAT 101	Concepts of Mathematics	3
			15
<u>FIRST YEAR – Spring Semester</u>			
_____	CGA 118	Introduction to Animations	3
_____	CGA 130	Video and Audio Editing	3
_____	CGA 120	Introduction to Electronic Publishing & Typography	3
_____	ENG 102	English Composition II	3
_____	_____	Gen Ed Elective	3
			15
<u>SECOND YEAR – Fall Semester</u>			
_____	CGA 212	Screen Graphics	3
_____	CGA 215	Electronic Illustration I	3
_____	CGA 217	Electronic Image Processing	3
_____	_____	Social Science Elective	3
_____	COM 104	Business Communications OR	
_____	CEP 211	Cooperative Education Work Experience	3
			15
<u>SECOND YEAR – Spring Semester</u>			
_____	ART 231	Intermediate Digital Photography	3
_____	CGA 219	Web Design	3
_____	CGA 218	Game & Interactive Authoring	3
_____	_____	General Education Elective	3
_____	_____	General Education Elective	3
			15
<u>TOTAL MINIMUM CREDITS:</u>			<u>60</u>