

# Transfer Program

## Computer Graphics (CGR)—Multimedia Design

### Certificate

*Faculty Advisor: William Schaefer · Phone: 410-386-8546 · Email: wschaefer@carrollcc.edu*

This certificate outlines a sequence of courses designed for technicians working in the design field or those who would like to obtain employment as publication design specialists, technical computer artists, and multimedia technicians. Please see the corresponding degree program for details. Although courses may be taken in any sequence as long as prerequisites are met, certain courses (CGR-110 and CGR-115) are strongly recommended before others as the skills developed in certain courses are utilized in others.

### Prerequisite Courses:

MAT-097	Introductory Algebra	0
READ-091	Basic Reading	0

### Certificate Requirements:

ART-105	2-D Design	3
ART-110	3-D Design	3
ART-115	Color	3
CGR-105	Introduction to Computer Graphics	3
CGR-110	Typography	3
CGR-157	Introduction to Web Page Design	3
CGR-230	Digital Video (☒ fall term only)	3
CGR-231	Introduction to Motion Graphics (☒ spring term only)	3
CGR-232	Multimedia Productions (☒ spring term only)	3
CGR-257	Advanced Web Page Design	3
CGR-254	3D Computer Animation and Modeling (☒ fall term only)	3
CGR-270	Portfolio and Career Development	3
Elective	CIS-105, Game Programming; CGR-120, Digital Photography; or CIS-132, Principles of Programming	3–4
<b>Total Credits</b>		<b>39–40</b>

### Letter of Recognition

Letters of Recognition are available for Computer Graphics. Contact the faculty advisor for further information. Students who would like to begin by completing a Letter of Recognition should enroll in the following courses. Students are advised to refer to the course descriptions.

### Prerequisite Courses:

MAT-097	Introductory Algebra	0
READ-091	Basic Reading	0

### Letter Requirements:

CGR-105	Introduction to Computer Graphics	3
CGR-110	Typography	3
CGR-115	Graphic Design 1	3
<b>Total Credits</b>		<b>9</b>