



## COMPUTER **GRAPHIC ARTS** TECHNOLOGY



Think **creatively.**

**G**raphic Design is all around us in movies, television, social media, advertising and countless other areas. Communication relies on digital technology to create visual presentations that grab your attention. Explore your creativity while learning the basics of graphic design, photo retouching and promotional advertising.

**COURSE TITLE: COMPUTER GRAPHIC ARTS TECHNOLOGY**

**COURSE DESCRIPTION**

The primary goal of the Computer Graphic Arts program is to provide students with the skills, knowledge and behaviors necessary to prepare them for post-secondary education or to obtain entry-level employment in the graphic design or digital print industry. The student will develop skills in communication, team collaboration, concept development, the principles and elements of design, current industry design software programs, Macintosh operating system and a variety of traditional art and design tools. This course is also designed to help students increase self-esteem, self-confidence and enhance leadership, interpersonal and management skills.

**COURSE CONTENT**

Graphic Design	iMac Computers with Industry Standard Software
Concept Development	Wacom Digital Drawing Tablets
Layout and Design	Digital SLR Cameras
Typography	Vector Illustration
Illustration	Photo Editing and Retouching
Color Theory	Pre-Press Graphic Preparation
Principles and Elements of Design	Color Printing Technology
Art/Design History	Vinyl Cutting Process
Photography Basics	Heat Press and Vinyl Application Techniques
Real-World Job Experience	Client Interaction

**CAREER OPPORTUNITIES**

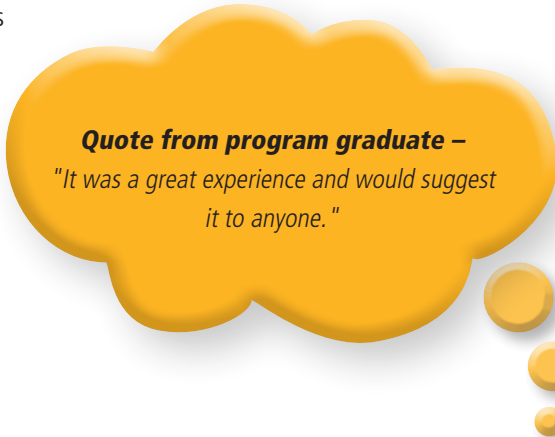
Printing Companies	Sign Fabricators
T-Shirt/Promotional Product Design	Advertising Agencies
Advertising Agencies	Publishing Companies
In-House Art Departments	Design/Animation Studios
Freelance Design/Illustration	Graphics for Web

**LOCATION**

Islip Career Center

**RECOMMENDED ACADEMIC CREDIT**

½ credit for ELA per year



**Arts, A/V Technology and Communications**

- Art, Design and Visual Communications (BTC)
- Audio Production (MTC, WTC)
- Professional Photography (BTC)
- Television Production (BTC)
- Computer Graphic Arts Technology (ICC)
- Digital Media Production (ICC)
- Fashion Merchandising and Design (BTC)