

GAME BUILDERS ACADEMY™

Summer 2010



Creating Video Games & Robots!!

- Starburst Video Game Development
- Video Game Design & Development
- Robotics – Level 1

**Call Continuing Education
at 718.631.6343 to Register**

**The Office of Continuing Education
Queensborough Community College**

THE CITY UNIVERSITY OF NEW YORK
222-05 56th Ave., Bayside, NY 11364-1497



Game Builders

Academy:

Creating Video Games!

Designing Video Games as teaching tools... learn, grow, have fun and succeed! Hands-on technology, hand-eye coordination, deconstructing systems,



internalized mapping, improved eyesight, increased focus, and confidence in creating a new and individualized game are some of the many proven benefits of this program. Participants take pride in creating their own end product, which is not a commercially published video game but their own inspiration based on their imagination and academic preparedness.

Low student-teacher ratios ensure optimal learning conditions with supplementary work and challenges geared to each participant's unique abilities. The "candy-coated" teaching approach provides fun and satisfaction in creating individualized video games which parallel skill-strengthening and knowledge sets acquired in school. Lesson plans feature topic covered, objectives, and state specific standards coupled with emails and website for tutorials, tips & tricks, free graphics & sounds, educational resources, games, links, and more!

Prerequisites: None.

NOTE: Extra Pricing

- **If you are registered for the Kids College Summer Academy, you will have an extra \$150 tuition payment charge.**
- **If you wish to take this course individually without participating in the Kids College Summer Academy, you must pay full tuition for sections as indicated below.**

GBA STARBURST™ Video Game Development

(grades K-4)

Designed for young students to learn how to apply basic math, science, and other skills to design and program their own video games! In a very fun and easy process, participants will learn the technical and artistic fundamentals of designing and programming video games. Learn how to draw game characters on the computer and add sound; introduction to the fundamentals of animation for use in games. Each participant in this course will create at least one full working video game.

CLX-602

EA-1 9 sessions/\$325 Mon-Fri, 9-10:10am, July 6-16

EA-2 10 sessions/\$325 Mon-Fri, 9-10am, July 19-30

EA-3 10 sessions/\$325 Mon-Fri, 9-10am, Aug. 2-13

INTRODUCTION TO VIDEO GAME

DESIGN & DEVELOPMENT (grades 5-12)

Participants use and strengthen math, logic, communication, concentration and critical thinking skills, problem solving and creative thinking – all in the context of learning how to design and program video games! An exciting introduction to the technical and artistic concepts and techniques of designing and programming video games. Gain a working knowledge of the skills and tools necessary to design and develop video games, and learn software and graphics programs. Introduction to the fundamentals of animation for use in games. Create at least one full working video game, and an advanced pong-style game.

CLX-605

EA-1 9 sessions/\$345 Mon-Fri, 10:10am-noon, July 6-16

EA-2 10 sessions/\$345 Mon-Fri, 10:15-11:45am, July 19-30

EA-3 10 sessions/\$345 Mon-Fri, 10:15-11:45am, Aug. 2-13

ROBOTICS LEVEL 1 (grades 5-12)

Participants will learn the fundamental engineering and technical principles of building and programming robots to move and function autonomously (on their own). Work in small teams (2-4 students) requiring sharing and cooperation to accomplish various tasks. Through the use of sound, light, and touch sensors, program robots to “see, hear, and perceive” surroundings. These newly acquired skills will be applied to work in exciting challenges including obstacle courses, races, and contests of moving objects. Learn how to use the actions and reactions of the robots to strategically solve problems and puzzles, and most importantly, have fun doing it!

CLX-609

EA-1 9 sessions/\$345 Mon-Fri, 10:10am-noon, July 6-16

EA-2 10 sessions/\$345 Mon-Fri, 10:15-11:45am, July 19-30

EA-3 10 sessions/\$345 Mon-Fri, 10:15-11:45am, Aug. 2-13

Many ways to register:

EMAIL-IN QCCContinuingEd@qcc.cuny.edu

Use Registration form with your signed MasterCard, VISA, Discover or Amex authorization.

FAX-IN 718.281.5538

Use Registration form with your signed MasterCard, VISA, Discover or Amex authorization.

MAIL-IN to the address on Registration form

Send registration form to address indicated — with your check or money order (including \$15 registration fee for free courses) payable to Queensborough Community College, or your credit card number.

PHONE-IN 718.631.6343

It takes just 3 or 4 minutes using MasterCard, VISA, Discover or Amex. Please be patient if placed on hold due to volume of calls. Have all information ready for EACH student.

ONLINE REGISTRATION cep.qcc.cuny.edu

Link to our programs to register and pay through credit card directly. Simple step-by-step process to register at any time, any place, 365 – 24/7. For discounts, cash & check, money order, and voucher programs, please contact office directly at 718.631.6343 to register.

WALK-IN Library Building, Room 118P

DAYS: Monday through Friday, 9am-4:45pm

(Skip Dates 6/25; 7/2 5, 16, 23, 30; 8/6, 13)

EVENINGS& SATURDAYS: Not available during summer.

WEB-DOWNLOAD www.qcc.cuny.edu/ContEd

Visit our website and download the registration form in the Bulletin. Then just fax or mail-in per above!

SPECIAL DISCOUNTED PRICING

10% at initial time of registration for:

- **Early Registration by May 22nd for all classes**
- First Time (New) students with QCC Continuing Education
- QCC Alumni with current ID Card (with \$15 registration fee waived)

Kids College: 1st child pays \$15 registration fee; each additional child in family pays \$10 registration fee

PAYMENTS

No partial payments accepted. Cash payments must be in person for exact amount.

PERSONAL CHECKS

Only accepted ten days prior to class start date.

QCC CONTINUING EDUCATION REGISTRATION FORM

First Name: Male Female

Last Name: _____

Birth Date: _____

Address: _____

Zip: _____

State: _____

City: _____

E-mail: _____

Day Phone: () _____

Evening Phone: () _____

COURSE	Session Letter(s)	Title	Tuition
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
		Registration Fee	\$ 15.00*

* Payable one time per semester.

Make checks payable to: Queensborough Community College
and Mail to: Office of Continuing Education, Room A-407
 Queensborough Community College, Bayside, NY 11364-1497

PAYMENT METHOD: Cash is processed by the Bursar's Office. To expedite registration, please use other payment methods.

Check Bank Check or Money Order Check # _____

Charge: VISA MasterCard AMEX Discover Card # _____ Exp. Date: _____

Please include extra numbers found on back of card