



# NR Computer Learning Center

2100 W. Orangewood, Suite 110. Orange, CA 92868 (714) 505-3475 [www.nrclc.com](http://www.nrclc.com)

## Summer 2012 Computer Camp for Teens



NR Computer Learning Center (NRCLC) provides several high caliber half/full day programs in computers for teens. Our educators inspire young minds to exercise their creativity while embracing education as an invaluable tool for life. For ages 10 to 19 with hands-on computer knowledge, we offer classes in the area of building your own computer, game programming with Java, C++, video editing & special effects, Android Programming, website design with graphics, dynamic web page with JavaScript, and AJAX. Choose from any of our summer camps! Register for multiple programs to increase learning skills of your children.

For additional information, visit our website at [www.nrclc.com/Summer2012](http://www.nrclc.com/Summer2012).

**Computer Basic & Window** - This hands-on course provides student the knowledge and skills required to identify different types of computers, and the components of a personal computer including microprocessors, motherboard, flash drive, hard disk, Memory, Keyboard, mouse and Input / Output devices. The students will also learn to use Window 7 features such as managing files & folders, maintaining their system, running application, using control pane, printing files and finding files. This course will also help students in preparing for the IC3 Part A Certification Exam.

**Building Your Own Computer** - This hands-on course introduces students to build a computer from scratch! Students will learn to build a computer, install motherboard, format hard drives, load software, eliminate viruses, run and troubleshoot software on the computer. This course will also help students prepare for the IC3 Part A Certification Exam. Prereq: Computer Basic or equivalent.

**Video Editing & Special Effects** - This hands-on course introduces students to developing and editing a digital movie, adding background sound and music, adding special effects and text, cutting unwanted movie clips, merging movie clips, adding pictures and uploading movie to YouTube for friends and family to view. Prereq: Computer Basic or equivalent.

**Create 2D Games** - This hands-on course is designed for students wanting to learn the basic elements of creating a 2D game using GameMaker software. The students will learn to create games that include sprites, background image, sounds and music, objects, events, actions and rooms. This is an excellent introductory course to programming if you are planning to become a game programmer – one of the hottest career fields today - or preparing for the Adobe Certification Associate (ACA) Exam. Prereq: Computer Basic or equivalent.

**Game Programming with Java - Basic** - This hands-on Java Basic programming course is an introductory-level course where students will learn the basics of Java programming language to build software. Students will learn to use variables, common functions, expressions, flow control, loops and more to develop an application! This is an excellent introductory course to programming if you are planning to take an AP Course in Computer Science, start a career in software development, want to become a game programmer – one of the hottest career fields today or preparing for Microsoft Technology Associate (MTA) Certification Exam. Prereq: Create 2D Games or equivalent.

**Game Programming with Java - Intermediate** - Once a student has mastered the basics of Java programming, then they are ready to learn some of the tougher Object Oriented concepts such as classes, Objects, Method Overloading, Constructors, Destructors and Polymorphism. The students will also learn to use arrays, strings, pointers, dynamic data and more to develop advance applications. By the end of the course, students will be able to develop interactive applications. This is an excellent introductory course to programming if you are planning to take an AP Course in Computer Science, start a career in software development, want to become a game programmer – one of the hottest career fields today or preparing for Microsoft Technology Associate (MTA) Certification Exam. Prereq: Programming with Java Basic or equivalent.

**Introduction to Android Programming** - Once a student has mastered the Java programming (Intermediate), then they are ready to learn how to develop programs for mobile devices such as Android. In this class, students will learn to setup and use the development tools for developing your first Android application. Students will also learn to use Android's APIs, such as, Canvas to develop 2d games. Prereq: Programming with Java Intermediate or equivalent.

**Programming in C++** - This is an introductory-level course where you will learn the basics of C++ programming and Game Maker to build software. You will learn to use, common functions, expressions, flow control, loops and more to develop an application! This is an excellent introductory course to programming if you are planning to take an AP Course in Computer Science, build a career in software development or become a game programmer – one of the hottest career fields today or is preparing for Microsoft Technology Associate (MTA) Certification Exam. Prereq: Create 2D Games or equivalent.

**Website Design** - If a student wants to learn to develop and publish their own website, then this class is for them. Students will learn to create web pages with text, pictures and hyperlinks to other websites and web pages. They will also learn to upload and manage the website on the web server and gain basic knowledge of Hypertext Markup Language (HTML) and Cascade Style Sheet (CSS), organize the Website content, develop color schemes, add graphics & links, insert multi-media elements and more. This is an excellent introductory course to programming if a student is planning to become a game programmer, starting a career in website designer & development or preparing for Adobe Certification Associate (ACA) Exam Prereq: Computer Basic or equivalent.

**Dynamic Website Design** - If a student wants to enhance their web site by adding dynamics and interactive features using JavaScript (an easy-to-learn programming language) then this class is for them! Students will learn to use JavaScript components such as attributes, variables, expressions, functions, objects and methods to enhance their website by being able to add clock, animated mouse, drop down menus, alert messages, perform calculations, check data in forms, add interactive games, add special effects to images and text, customize graphics selections, dynamically modify color, image & text and more! This is an excellent course for students planning to become a game programmer, starting a career in website designer & development, preparing for Adobe Certification Associate (ACA) Exam or preparing for Microsoft Technology Associate (MTA) Certification Exam. Prereq: Website Design or equivalent.

## NR Computer Learning Center (Orange)

Course Title	Date	Time	Early Enrollment before (4/30/12)	Regular Enrollment after (4/30/12)
Computer Basic	Jun 05 - Jun 28	9a - 12p	\$139	\$149
Build Your Own Computer	July 09 - July 12	9a - 12p	\$159	\$179
Video Editing & Special Effects	July 16 - July 19	9a - 12p	\$159	\$179
Create 2D Games	July 23 - July 26	9a - 12p	\$159	\$179
Computer Basic	July 30 - Aug 02	9a - 12p	\$139	\$149
Build Your Own Computer	Aug 06 - Aug 09	9a - 12p	\$159	\$179
Video Editing @ Special Effects	Aug 13 - Aug 16	9a - 12p	\$159	\$179
Create 2D Games	Aug 20 - Aug 23	9a - 12p	\$159	\$179
Website Design	Aug 13 - Aug 17	9a - 3p	\$329	\$349
Dynamic Website Design with JavaScript	Aug 20 - Aug 24	9a - 3p	\$329	\$349
<b>Total</b>				

## Irvine Valley College (Irvine)

Course Title	Date	Time	Early Enrollment before (4/30/12)	Regular Enrollment after (4/30/12)
Computer Basic	Jun 25 - Jun 28	9a - 12p	\$139	\$149
Build Your Own Computer	Jun 25 - Jun 28	1p- 4p	\$159	\$179
Video Editing & Special Effects	July 09 - July 12	9a - 12p	\$159	\$179
Create 2D Games	July 09 - July 12	1p- 4p	\$159	\$179
Game Programming with Java - Basic	July 16 - July 20	9a - 3p	\$329	\$349
Game Programming with Java - Intermediate	July 23 - July 27	9a - 3p	\$329	\$349
Android Programming	July 30 - Aug 03	9a - 3p	\$329	\$349
Programming in C++	Aug 06 - Aug 10	9a - 3p	\$329	\$349
<b>Total</b>				

### Payment Method

Check (Payable to NR Computer Learning Center)
  Master Card
  VISA

Amount: \_\_\_\_\_

\_\_\_\_\_

Card No

\_\_\_\_\_

CVV2

\_\_\_\_\_

Expiration Date

\_\_\_\_\_

Full Name

\_\_\_\_\_

Signature

\_\_\_\_\_

Date



# NR Computer Learning Center

2100 W. Orangewood, Suite 110. Orange, CA 92868 (714) 505-3475 [www.nrclc.com](http://www.nrclc.com)

## Student Information

Child's Name: \_\_\_\_\_  
First Name Last Name

Grade Enter Summer 2012 \_\_\_\_\_  Male  Female

## Parent/Guardian Information

Relationship: \_\_\_\_\_  
First Name Last Name

Street Address \_\_\_\_\_

State Zip

Home Business Cell

## Terms and Conditions

1. All Summer Camp fees must be paid in full atleast two weeks before the start date.
2. There are no refunds for cancellations within 1 week into the camp.
3. IMPORTANT! Enrollment is limited.
4. NRCLC will not be responsible for lost or stolen items.
5. There is a \$25 charge for returned checks.

I agree to the conditions of enrollment and refund policy stated above.

Parent/Guardian (Full Name) \_\_\_\_\_

Date \_\_\_\_\_

Completed forms and payments can be submitted in person or via Mail/Fax to:  
NR Computer Learning Center . 2100 W. Orangewood . Suite 110 . Orange . CA 92868  
[www.nrclc.com](http://www.nrclc.com) Phone: 714-505-3475 Fax: 714-505-3476