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Arlington Career Center  
816 S. Walter Reed Drive  
Arlington, VA 22204

SUMMER CLASSES

# ARLINGTON CAREER CENTER

Arlington Public Schools



## **SUMMER ENRICHMENT PROGRAM 2012**

Entering 4th-12th Grade

Session I July 2-13

Session II July 16-27



**Oportunidades de verano del 2011  
Grados 4 – 12**

<u>Programas</u>	<u>Sesiones</u>	<u>Grados</u>	<u>Pagina #</u>
<b><u>Primaria/intermedia</u></b>			
Cocina	I	4 - 6	6
Cosmetología	I	4 - 6	6
Juegos creativos de computación	I/II	4 - 6	7
Cuidado de mascotas	I/II	4 - 6	9
Disenos en Carpinteria y Construcción	I	4- 6	11
<b><u>Intermedia/secundaria</u></b>			
Ciencia de Animales	I/II	7 - 12	5
Arguitectura y Construccion	I	7-12	5
Mecanografía	I	7 - 12	6
Cocina	II	7 - 12	7
Cosmetología	II	7 - 12	7
Serigrafía	II	7 - 12	8
Multimedia	I/II	7 - 12	9
Estudio de robots	I	7 - 12	10
Robotica, Simulacion de Vuelos y animación digital	I	7-12	10
Costura	II	7 - 12	11
Producción de Televisión	I/II	7 - 12	11

**REGISTRATION FORM/ Formulario de Matricula**

Enrichment Programs  
Arlington Career Center  
816 South Walter Reed Drive  
Arlington, VA 22204

Work Phone ( ) \_\_\_\_\_  
Home Phone ( ) \_\_\_\_\_  
Cell Phone ( ) \_\_\_\_\_  
Name \_\_\_\_\_  
Email Address: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

School: \_\_\_\_\_ Grade (Beg. Sept. 2012) \_\_\_\_\_

***Make check payable to: ARLINGTON CAREER CENTER***

Please list classes:

Session I AM \_\_\_\_\_ Session II AM \_\_\_\_\_

Session I PM \_\_\_\_\_ Session II PM \_\_\_\_\_

**REGISTRATION BY VISA OR MASTERCARD MAY BE MADE BY TELEPHONE  
703-228-5731**

(continued from page 12)

Are you an APS sophomore or Junior who wants to...earn college credit while still in high school? Save tuition money? Distinguish yourself on college applications?

The GCTAA Summer 2012 STEM Academy with NOVA provides college and career opportunities to APS rising juniors and seniors in six growth fields: Architecture/Construction; Automotive Technology; Cyber Security; Digital Photography; Entrepreneurship and Web Application Development.

Successful completers of this six-week program will earn between two and nine college credits at NOVA. In addition, all six programs also qualify for one high school credit.

For more information, contact GCTAA Counselor Deirdre (dmagro@nvcc.edu) or Program Coordinator David Welsh (david.welsh@apsva.us).

Please return the completed application to: Teresa Estes, work: 703-228-5731; fax: 703-228-5815 or email to Teresa.estes@apsva.us

Governor's Career & Technical Academy  
Arlington Career Center  
816 S Walter Reed Dr  
Arlington, VA 22204

## Summer Opportunities 2012 Entering Grades 4 – 12

<u>Class Names</u>	<u>Sessions</u>	<u>Grades</u>	<u>Page #</u>
<b><u>Elementary/Middle</u></b>			
<b>Cooking</b>	<b>I</b>	<b>4 – 6</b>	<b>6</b>
<b>Cosmetology</b>	<b>I</b>	<b>4 – 6</b>	<b>7</b>
<b>Creative Computer Games</b>			
<b>Exploration with Scratch</b>	<b>I/II</b>	<b>4 – 6</b>	<b>8</b>
<b>Pet Care</b>	<b>I/II</b>	<b>4 – 6</b>	<b>9</b>
<b>Woodworking Design &amp; Construction</b>	<b>I</b>	<b>4—6</b>	<b>11</b>
<b><u>Secondary (Middle &amp; High)</u></b>			
<b>Animal Science</b>	<b>I/II</b>	<b>7 – 12</b>	<b>5</b>
<b>Architecture &amp; Construction</b>	<b>I</b>	<b>7—12</b>	<b>5</b>
<b>Computer Keyboarding</b>	<b>II</b>	<b>7 – 12</b>	<b>6</b>
<b>Cooking</b>	<b>II</b>	<b>7 – 12</b>	<b>7</b>
<b>Cosmetology</b>	<b>II</b>	<b>7 – 12</b>	<b>7</b>
<b>Learn to Silk Screen</b>	<b>I</b>	<b>6 – 12</b>	<b>8</b>
<b>Multimedia</b>	<b>I/II</b>	<b>7 – 12</b>	<b>9</b>
<b>Robotics</b>	<b>I</b>	<b>7—12</b>	<b>10</b>
<b>Robotics, Flight &amp; Flash Animation</b>	<b>I</b>	<b>7 – 12</b>	<b>10</b>
<b>Sewing is Fun</b>	<b>II</b>	<b>7—12</b>	<b>11</b>
<b>TV Production</b>	<b>I/II</b>	<b>7 – 12</b>	<b>11</b>

## Enrichment Summer Program Information

Session I Fee - (July 2 - 13) \$469.00

Session II Fee - (July 16 - 27) \$521.00

*El Costo de cada session*

Free/Reduced Tuition \$47.00/\$52.00

*Costo de cada session si califica para almuerzo gratis o reducido*

Registration by VISA/MasterCard may be made by telephone.



For more information regarding classes call:

**Enrichment Programs**  
816 S Walter Reed Dr  
Arlington, VA 22204

**Telephone: 703-228-5731**  
**Emergencies: 703-228-5800**  
**FAX: 703-228-5815**  
**Email: Teresa.Estes@apsva.us**

Visit the Career Center web site:  
[www.apsva.us/cc/enrichment](http://www.apsva.us/cc/enrichment)

***Enrollment for the Enrichment classes begins March 8***  
***Inscripción de clases comienzan el 8 de Marzo.***

## Governor's Career & Technical Academy Arlington (GCTAA) Summer 2012 Courses at NOVA-Alexandria

### Summer 2012 STEM Academy for High School & College Credit

#### Courses (and credits)

- Architecture/Construction (NEW) 6 college; 1 high school
- Automotive Technology 2 college; 1 high school
- Cyber Security (NEW) 6 college; 1 high school
- Digital Photography 3 college; 1 high school
- Entrepreneurship (NEW) 3 college; 1 high school
- Web Application Development 9 college; 1 high school

1. **Enrollment:** Is on a first-come, first-serve basis, starting Tuesday, January 17th and ending Friday, April 20th, 2012. Class space is limited. If you are interested, please get in your application early. In order to qualify, students must:
  - A. Be at least a rising (fall 2012) junior or senior in APS;
  - B. Commit to attending all meetings of the class;
  - C. Fill out and submit the application;
  - D. Take the NVCC Compass English Reading and Writing tests and pass with a qualifying score.
2. **Cost:** \$323 (\$78 for free & reduced lunch)
3. **Transportation:** Is provided from the community to Washington-Lee High School starting at 7am and later, depending on the route; from W-L to NOVA/Alexandria at 8am via APS school bus; from NOVA/Alexandria back via public bus voucher, as needed.
4. **Meeting Times:** Classes (except for Automotive Technology, which meets at the Career Center) will meet at NOVA/Alexandria each weekday from 8:30am to 2pm for six weeks, from Monday, July 2 to Friday, August 10, 2012.

## SEWING IS FUN

*Costura*

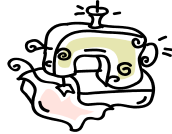
### Rising Grades 7—12

Do you like to make crafts and be creative? Learning to use a sewing machine is quick and fun. After we learn some basic sewing skills we will use them to create projects for your room, gifts for giving, clothing to wear and accessories! More experienced sewers can choose their own projects to complete.

**July 16—27: 8:00 - Noon**           **\$521**

**July 16—27: 12:30 - 4:30**       **\$521**

**Instructor: Heather Boda**



## TELEVISION PRODUCTION

*Producción de Televisión*

### Rising Grades 7 – 12

Students can bring their ideas to life in TV Production. This class focuses on the essentials of television and video production, from how to use a camera to creating music and graphics. Students use state-of-the-art equipment, teamwork, imagination, and creativity to produce their videos. Students will produce commercials, music videos, short movies, studio-shows, and more!

**July 2 - 13: 12:30 – 4:30**           **\$469**

**July 16 - 27: 8:00 – Noon**       **\$521**

**Instructor: Tom O'Day**



## WOODWORKING DESIGN AND CONSTRUCTION

*Disenos en carpinteria y construccion*

### Rising Grades 4—6

Students will design and build projects from different materials and discover how changes in the design affect the performance or outcome of the project. Students will also explore the problem solving process and how engineers make changes as problems arise during construction.

**July 2—13: 8:00 —Noon**           **\$469**

**Instructor: Matt Cupples**

## DATES

### Session I

**July 2,3,5,6**

**July 13,14,15,16,17**

### Session II

**July 16,17,18,19,20**

**July 23,24,25,26,27**

**Transportation:** Buses will be available to students for the morning classes only. **Transportation begins on July 9 when Arlington Public summer school begins.** The summer **high school** bus route schedule will be mailed to all enrolled students. Please check the schedule for the closest pick up point to your home. The students will be dropped off at W - L High School and a shuttle bus will bring them to the Arlington Career Center. At the end of the morning session, the shuttle will return them to W - L and they will board the buses to return home. No transportation is provided for our afternoon classes.

The enrichment office will be closed from June 25 - June 29. Please plan to register before the end of school.

**Refund Policy:** **NO** changes or refunds will be made after June 11 for Session I and Session II.

**Enrollment for the Enrichment classes begins March 8 and ends June 11. If registration forms are received prior to March 8, they will not be opened until the morning of March 8 and opened in the order they are received along with parents who call to register their children beginning at 8:30 AM in the morning.**

**\*\*Transporte:** los buses estarán disponibles sólo por la mañana, el horario se enviará por correo a su casa, no habrá buses por la tarde.

**\*\*Póliza de reembolso:** no cambios ni reembolsos después del 11 de junio para las dos sesiones.

**\*\* La oficina de Enrichment estará cerrada del 25 al 29 de junio. Por favor asegúrese de matricular a su hijo/s antes del fin del año escolar. Gracias.**

**\*\* Las matrículas comenzarán el 8 de marzo y terminarán el 11 de junio, se matriculará por orden de llegada**

## ANIMAL SCIENCE

*Ciencia de Animales*

### Rising Grades 7 – 12

Students will work with our extensive animal collection that includes a miniature horse, goats, parrots, reptiles, rodents, ferrets, cats, dogs etc. Emphasis is placed on proper husbandry and grooming for these animals. Responsible handling and disease prevention will be stressed. Students will participate in animal enrichment, taming and physical exams. The types of veterinary specialties and animal careers will be discussed. Students will have the opportunity to bring in their well-mannered pet for help with grooming or training. Specific animals studied in detail will be tailored to the interests of current students. Zoo field trips are included.

**July 2 – 13: 8:00 - Noon \$469**

**July 16 - 27: 8:00 - Noon \$521**

**Instructor: Jenny Culver**



## ARCHITECTURE AND CONSTRUCTION

*Arquitectura y construcción*

### Rising Grades 7 – 12

Does your child like to build stuff? Does she have a 3D brain? Is he already thinking about architecture and/or construction engineering as a possible career? Then this class is for you. Students will learn architecture and their related construction technologies by building a series of fun, hands-on projects -- a perfect introduction to the Career Center's architecture and construction programs.

**July 2-13: 0800– Noon \$469**

**Instructor: Kyle Godfrey**

## RADIO-CONTROLLED FLIGHT, ROBOTICS & AERIAL PHOTOGRAPHY

*Robotica, simulación de vuelos y animación digital*

### Rising Grades 9 - 12

The biggest news in aviation is the emergence of custom-designed, remote-controlled aircraft with a variety of 21st Century capabilities—from stealth, to surveillance, to attack. In this class, we will custom design real model aircrafts, power them with electric motors and equip them with remote control flight and digital imaging capabilities. We will then fly them over the Career Center campus and see what we shall see. This class is for both girls and boys who like to design, build, fly and spy!

**July 2 - 13: 12:30 - 4:30 \$469**

**Instructor: David Welsh**

## ROBOTICS

*Robóticas*

### Rising Grades 7 - 12

LEGO Robotics is super fun, using the Mindstorm 2.0 and NXT kits. Build and program your own LEGO robots, including circuit racers, sumo wrestler and battlebots. But once you've built your creation, nothing is more fun than making a movie about it. Using digital photography and flash animation. This class builds participant's skill in both engineering and digital media.

**July 2 - 13: 12:30—4:30 \$469**

**Instructor: Kyle Godfrey**



## MULTIMEDIA

*Multimedia*

### Rising Grades 7 – 12

Multimedia production utilizes a state-of-the-art, all-digital multimedia lab, to teach media production to students of all skill levels. Students learn to create media for Internet, DVD and even Ipods! Students have the opportunity to learn about animation, web and graphic design, video production and audio production. This class is guaranteed to be challenging, fun, and cutting edge.

**July 2 - 13: 8:00 - Noon \$469**

**July 16 - 27: 12:30 - 4:30 \$521**

**Instructors: Tom O'Day**

## PET CARE

*Cuidado de Mascotas*

### Rising Grades 4 – 6

Students will work with our large animal collection that includes a horse, goats, parrots, reptiles, rodents, ferrets, cats, dogs etc. Proper handling, housing and grooming for these animals will be demonstrated. Responsible treatment and disease prevention will be stressed. Students will participate in animal enrichment and taming. The types of veterinary specialties and animal careers will be discussed.

**July 2 - 13: 12:30 - 4:30 \$469**

**July 16 - 27: 12:30 - 4:30 \$521**

**Instructor: Jenny Culver**



## COMPUTER KEYBOARDING

*Mecanografía*

### Rising Grades 7 – 12

Learn basic keyboarding skills in this introductory course. This is one of the most important skills you can learn. Emphasis is placed on learning the keyboard using the touch system. This course will also help to build keyboarding speed and accuracy.

**July 2 - 13: 12:30 - 4:30 \$469**

**Instructor: Melida Reyes**



## COOKING

*Cocina*

### Rising Grades 4 - 6

Students will develop and build their knowledge on the foundations of cooking, while participating in a safe cooperative teaching environment in order to produce both savory and sweet foods from scratch. By reading several recipes, reviewing ingredients and following step-by-step instruction, each of you chef can become successful in the kitchen.

**July 2—13 12:30—4:30 \$469**



## COOKING

*Cocina*



### Rising Grades 7 - 12

Students will develop and build their knowledge on the foundations of cooking, while participating in a safe cooperative teaching environment in order to produce both savory and sweet foods from scratch. By reading several recipes, reviewing ingredients and following step-by-step instruction, each of you chef can become successful in the kitchen.

**July 16—27: 12:30 - 4:30**                      **\$521**

## COSMETOLOGY

*Cosmetología*

### Rising Grades 4 – 6

Learn how to groom your hair in a flattering style for you; take care of your hands and feet so that they are attractive; learn to put your best self forward.

**July 2 - 13: 12:30 - 4:30**                      **\$469**

**Instructor:    Rosenia Peake**



## COSMETOLOGY

*Cosmetologia*

### Rising Grades 7 - 12

Learn how to groom your hair in a flattering style for you; take care of your hands and feet so that they are attractive; learn to put your best self forward.

**July 16 - 27: 12:30 - 4:30**                      **\$521**

**Instructor:    Rosenia Peake**

## CREATIVE COMPUTER EXPLORATION WITH SCRATCH

*Juegos Creativos de Computación*

### Rising Grades 4 - 6

In this class, students will explore how to create games, animations, stories, and art using Scratch, a computer learning tool that teaches programming skills. Students will draw pictures, add sound and movements, and share their projects with the class.

Children will both examine existing programs and design their own new programs, using a visual programming language that snaps together on screen using graphical blocks. The class will learn about mathematical and computational concepts in a meaningful and motivating context. They will learn about the process of design, and develop key 21st century learning skills in the areas of creative thinking, collaboration, communication and analysis. Scratch is a product of MIT's Lifelong Kindergarten Project. More information about Scratch is available at: <http://scratch.mit.edu>

**July 2 - 13: 8:00 - Noon**                      **\$469**

**July 16 - 27: 8:00 - Noon**                      **\$521**

**Instructor:    Anthony Spanos**

## LEARN TO SILKSCREEN DESIGN

*Serigrafia*

### Rising Grades 6—12

Learn the art of silkscreen printing. Personalize your wardrobe with your own designs. Be creative. Print on T-shirts, patches and more. Bring drawings or photographs to the first session. We will inspire you.

**July 2—13: 12:30 - 4:30**                      **\$469**

**Instructor:    Andrew Uravitch**

