

College for Kids 2015

Summer Programs for Kids Ages 8 to 15

July 6 – August 13



College for Kids 2015

Middlesex Community College 591 Springs Road Bedford, MA 01730-1197

Summer Programs for Kids Ages 8 to 15



Middlesex Community College's College for Kids provides children with an exciting range of unique opportunities to explore careers, gain new knowledge, develop new skills and boost their self-confidence. Our programs provide students with a safe and exciting place to learn. Camps are offered on the Bedford and Lowell campuses using the vast open spaces in Bedford and the cultural and ethnic resources in Lowell. Camps are offered for children 8 – 15 years old. Please note the recommended ages of each camp carefully when registering your child. The cost for each camp listed below includes materials and activities. Some camps require additional fees for special field trips or supplies. This information is noted in the camp description. Pay close attention to the start times and end times for each camp, as they vary. Middlesex camps strive to employ either public school teachers or experts in the field. All camp employees have experience instructing children in the content area.

For more information contact Marci Barnes at 781-280-3669 or email barnesm@middlesex.mass.edu

July 6-9

ACE: AVIATION AND SIMULATION for ages 10 - 15

Co-sponsored by the Federal Aviation Administration, Middlesex Community College is celebrating its 16th year hosting Aviation Career Education (ACE) Camps for middle school students. In ACE Camp: Aviation and Simulation you will explore many of the possible aviation careers and meet experts from those fields. Learn the fundamentals of flight by designing, building, and testing your own model aircraft and rockets. On field trips, you will witness airport operations first-hand and learn more about what it takes to have "the right stuff." In the second half of the camp, you will learn the tactics needed to succeed in a flight simulator. You will also learn advanced simulation techniques and basic flight maneuvers that will allow you to fly various challenges in advanced flight simulators. For an additional, optional fee of approximately \$60 your child will have the option to take an instructional flight; weather dependent. Details the first day of camp. \$339

YTH 610 30 8:30 a.m. – 4:30 p.m. BEDFORD

VETERINARY EARLY TRAINING for ages 8-12

Do you love animals and want to learn about veterinary medicine? VET camp will expose you to the various career fields available in veterinary medicine. We'll investigate how animals benefit our society, how to care for large and small animals as well as animal rights. This camp is intended for the student with a love of animals and an interest in pursuing veterinary training. All field trips and transportation included in the cost of the camp.

YTH 618 30 BEDFORD \$339 8:30 a.m. - 4:30 p.m.

DIGITAL PHOTOGRAPHY for ages 10 - 15

Explore the amazing world of digital photography. Campers will learn about photo composition, lighting, editing and digital photography software. Some picture-taking experience is helpful, but not necessary. There will be photo assignments, a field trip and time spent in the computer lab enhancing your images. Campers must bring their own digital camera with available memory each day and a portable memory stick. All field trips costs are included in the cost of the camp. YTH 623 30 8:30 a.m. – 4:30 p.m. BEDFORD \$299

PROJECT FASHION for ages 10 - 15

Do you love to watch Project Runway? Are you interested in the way the designers create? If so, then this camp is for you! This camp will explore fashion tools and techniques to help you develop your own style and express your individual creativity. At the start of camp, the basics of sewing will be taught - how to fasten a button, how to use a sewing machine, how to embellish jeans and more. Some items will be restructured clothing, and some will be created from scratch. A fashion show on the final day of camp will display your creations. This camp is perfect for new designers, or for returning students as the projects and designs have changed. All materials are included in the cost of the camp.

YTH 673 30 8:30 a.m. - 4:30 p.m. BEDFORD \$339

FILM PRODUCTION for ages 10 - 15

In this one-week session, students will collaborate to produce a complete short film. Using professional, broadcast- quality equipment, as well as individual flip cameras campers will conceptualize, produce, direct, and act in a light-hearted thriller. Over the course of a week, students will learn hands-on how a film is made from story to screen. In addition, a small amount of time will be spent viewing classic movies and discussing/critiquing.

YTH 650 30 8:30 a.m. – 4:30 p.m.	BEDFORD	\$299
----------------------------------	---------	-------

EXPERIENCE WRITING for ages 8 – 12

From pavement to paper, this camp will approach the writing process via daily adventurous road trips and experiences. This odyssey will entail surveying several forms of writing and producing a portfolio as a memento of your daily field trips and activities. Campers will gain a stronger grasp of grammar concepts, creative writing techniques, and essay format. Confident and emerging writers with a sense of adventure and a love of learning new things are encouraged to attend. All activities included in the cost of the camp.

YTH 634 30 8:30 a.m. – 4:30 p.m. BEDFORD \$299

July 13 - 16

See prior description	D SIMULATION for ages 10 – 15 for details about this camp. (page 1) 8:30 a.m. – 4:30 p.m.	BEDFORD	\$339
See prior description	Y TRAINING for ages 10 - 15 for details about this camp. (page 1) 8:30 a.m. – 4:30 p.m.	BEDFORD	\$339
DIGITAL PHOTOGRAPHY for ages 10 – 15			
	for details about this camp. (page 1) 8:30 a.m. – 4:30 p.m.	BEDFORD	\$299

FASHION DESIGN for ages 10 - 15

Are you interested in the texture, style and design of clothing? If so, then this camp is for you! This camp will explore fashion tools and techniques to help you develop your own style and express your individual creativity. Lowell, a city rich with textile history and tradition, is an ideal setting for this camp. The students will lunch at a local restaurant one day (there will be an additional fee of approximately \$12 for lunch.) Each student will receive an original gown donated by a local bridal shop to transform. A fashion show on the final day of camp will display our creations. **YTH 614 80** 9:00 a.m. - 4:00 p.m. LOWELL \$339

TECHIE CAMP for 8 – 12 year olds

Come join us for this exploration of multi-media, 3-D and technology. The first day, we will decide what technology interests us most, and then go from there. Possible topics include: Wix, Gamestar Mechanic, Go Animate, iPiccy, Pic monkey and more. These are all free software that you can then use at home!

 YTH 683 30
 9:00 a.m. - 12:00 p.m.
 BEDFORD
 \$149

ADVANCED FILM PRODUCTION for 10 – 15 year olds

Take your knowledge of film production to the next level in this camp. All campers should have some experience with film, eitherhaving taken a program at MCC or elsewhere. Additional time will be spend viewing portions of films and critiquing them.YTH 693 308:30 a.m. - 4:30 p.m.BEDFORD\$299

July 20 - 23

LEGOMINDSTORMS for ages 8 - 12

In this program, you will learn basics of robot building and programming. Kids are put into teams of four and presented daily challenges. You will then have to design, build, and test your robot in a fun and competitive atmosphere. Bring your imagination as you work closely in a team to create a competitive robotic masterpiece. LegoMindstorms will also focus on RCX Code, the computer language that drives the Mindstorms robot in its tasks.

YTH 621 30 8:30 a.m. – 4:30 p.m.

BEDFORD

\$299

EXPERIENCE WRITING for ages 12-15

See prior description	on for details about this camp. (Top of page)	
YTH 634 31	8:30 a.m. – 4:30 p.m.	BEDFORD	\$299

FITNESS for ages 10 - 15

What's not to love about fitness? Don't miss this chance to experience and participate in a wide variety of fitness opportunities, including basketball, soccer, volleyball, croquet, badminton, ultimate Frisbee, Frisbee golf, ping pong, kickball, whiffle ball, 4-Square, hiking, flag football, capture the flag, and more!! Kids will have the chance to experience some of these activities for the first time or develop their current skills. Days will be full, jam-packed with action, movement, and physical activity! Introductory in nature, activities will focus on recreation and fun rather than competition. All skill levels and abilities welcome – all equipment will be provided.

YTH 681 30 8:30 a.m. - 4:30 p.m. BEDFORD \$299

ALL ABOUT SCIENCE! for ages 8 - 12

Experiments? Rockets? Cool chemical reactions? Animal Care? Forensics? Geology? Come to All About Science camp for a medley of fun activities. Learn how science works in the real world. A portion of the camp will involve children overcoming challenges the instructor presents to the group. Maybe simple machines, maybe catapults, maybe fingerprint identification. You never know what you will discover in All About Science. \$299

BEDFORD YTH 639 30 8:30 a.m. - 4:30 p.m.

ENGINEERING HOVERCRAFTS for ages 10 - 15

It's true! Engineering can be fun and exciting! It can also be both educational and fun to learn. This project-based course provides an introduction to the basic concepts and fundamentals of engineering. For the first day of camp, you will learn how to problem solve, brainstorm, and design by using the engineering design process. As the week progress, the "young engineers", will then apply their new knowledge to build a hovercraft as a team of four students. The week culminates with hovercraft races! YTH 670 30 8:30 a.m. – 4:30 p.m. BEDFORD \$299

CODING FOR KIDS for ages 8 - 12

Learning how to build simple websites and games helps children with problem solving, design and logic. Using free software that your child can then use at home, we will explore various sites designed to introduce kids to the world of coding. 9:00 a.m. – 12:00 p.m. YTH 691 30 BEDFORD \$149

STOP ACTION/iMOVIE for ages 8 - 12

Create sets, design backgrounds, develop characters and create your own stop motion movies. Using imovie, we will add sound effects and voiceovers, music and titles. Kids should bring their own iphones, ipads or ipods with Lego Movie Maker and Google Drive installed (these are free apps). In addition, please install iMovie for \$4.99 and bring a cable. This will ensure the kids can complete projects at home after camp has ended. We will also be using iMovie on campus in our MAC lab. YTH 692 30 1:00 p.m. – 4:00 p.m. BEDFORD \$149

For kids that wish to take both Coding for Kids and Stop Action movie programs, there will be childcare available in between the two offerings from 12:00 p.m. - 1:00 p.m.

July 27 - 30

WEB DESIGN FOR BEGINNERS for ages 10 - 15

Web Design Camp introduces you to Adobe Photoshop & Dreamweaver through step-by-step tutorials and interactive exercises. Adobe Photoshop basics are taught using the drawing, paintbrush and selection tools as well as a variety of graphic file formats. Hands-on experience with Dreamweaver will provide you with the basic toolset to add content and design elements such as colors, text, images, image rollovers and tables to your personal web pages. This camp is for beginners although students should have experience with computers to be successful. It runs in a PC lab on campus.

YTH 628 30 8:30 a.m. – 4:30 p.m. BEDFORD

LEGOMINDSTORMS for ages 8 – 12

See prior description for details about this camp. (page 2) YTH 621 31 **BEDFORD** 8:30 a.m. - 4:30 p.m.

\$299

\$299

CASE STUDIES IN VETERINARY MEDICINE for ages 10 - 15

If you have taken VET I or have volunteered in local animal hospitals or vet clinics, this camp is for you. This advanced program is designed for the animal enthusiast with a serious interest in veterinary medicine. You will build on your veterinary knowledge through interactions with local veterinary professionals, a dissection in MCC's science labs and more! We recommend that only serious students attend this camp. All materials and transportation to area establishments are included in the cost of the camp. **BEDFORD** YTH 622 30 8:30 a.m. – 4:30 p.m. \$339

FITNESS for ages 10 - 15

see prior description for details about this camp. (page 3) BEDFORD YTH 681 31 8:30 a.m. – 4:30 p.m.

\$299

BOOKS, BOOKS, BOOKS for ages 10-15

Make your favorite book come alive through multi-media activities, artistic expression and creative writing! Campers should have some ideas of their favorite books and come prepared to be creative based on those stories. You may write a play, make a comic, start a blog, have a tournament, design a tshirt or more! All materials are provided. YTH 694 30 8:30 a.m. - 4:30 p.m. **BEDFORD** \$299

August 3-6

CAKES, CUPCAKES AND COOKIES for ages 10 - 15

Tap into your creative side! Learn cake and cupcake decorating tips in this exciting camp! Each day you will go home with new techniques and ideas for all types of special occasions or just everyday fun! Due to the nature of this camp, we are not able to accommodate students with food allergies. Each family is responsible for a \$35 supply fee payable directly to the instructor on the first day of camp. \$189

YTH 677 30 9:00 a.m. - 12:00 p.m. **BEDFORD**

IMPROVISATION CAMP for ages 10 -15

Get ready for a week of laughs! This one week program will explore the fundamentals of improvisation by developing support, trust, risk taking, and confidence with each young actor. This means developing not only a quick-wit but some physical comedy as well. Everyone will participate in many exciting and fun theater games, movement exercises, and ensemble-building activities that will culminate with a live improvised performance. Learning improv is a valuable skill both on and off the stage. Real life is improvised after all.

YTH 697 30 8:30 a.m. - 4:30 p.m. **BEDFORD** \$299

MINECRAFT for ages 8 - 12

Typically, kids play Minecraft at home with little to no direction or goals in mind. Now, approach gameplay from a new angle to learn how to think critically about your work with the infinite possibilities of the game. Create themes, storylines, dialog between characters, objectives, goals, and more. Most anything imaginable can be performed in Minecraft. It is the epitome of creativitylimitless opportunity to build, discover, and problem-solve. In recent years, the game has gained traction as an educational tool, acknowledged by many as an important vehicle for engaging kids in STEM (Science, Technology, Engineering, and Math) fields such as programming, video game design & development, level design, and more. There will be supervised breaks with outdoor activities planned.

YTH 695 30 BEDFORD \$299 8:30 a.m. - 4:30 p.m.

ENGINEERING – HIT THE TARGET for ages 10 - 15

It's true! Engineering can be fun and exciting! It can also be both educational and fun to learn. This project-based course provides an introduction to the basic concepts and fundamentals of engineering. For the first day of camp, you will learn how to problem solve, brainstorm, and design by using the engineering design process. As the week progress, the "young engineers", will then apply their new knowledge to construct a flying machine out of a balloon and limited materials in order to hit a target. YTH 696 30 **BEDFORD** 8:30 a.m. – 4:30 p.m. \$299

CASE STUDIES IN VETERINARY MEDICINE for ages 10 – 15

See prior description for details about this camp. (page 3) BEDFORD \$339 YTH 622 31 8:30 a.m. – 4:30 p.m.

DIGITAL PHOTOGRAPHY II for ages 10 - 15

This camp is designed for those that could not get enough of Digital I and are passionate about photography. Expand your knowledge of Digital Photography, technically and creatively. Learn to expose and compose more beautiful photographs. Through advanced photo assignments and guidance from the instructor, you will work toward developing your own style of photography. Campers must bring their own digital camera with available memory each day and a portable memory stick. YTH 651 30 1:00 p.m. - 4:00 p.m. **BEDFORD** \$149

For kids that wish to take both Cakes, Cupcakes and Cookies and Digital Photography II programs, there will be childcare available in between the two offerings from 12:00 p.m. - 1:00 p.m.

August 10 - 13

ADVANCED ROBOTICS for ages 10 - 15

This camp is geared towards students that have previously taken LegoMindstorms camps, or are very familiar wi	th the NXT	
programming and software. The challenges will build upon those techniques and skills learned in the prior camp. This camp is		
team-based, meaning students work in groups to solve and program their robots to complete specific challenges. MCC provides		
NXT kits for the camp, but feel free to bring your own in a labeled box, if you want.		
YTH 682 30 8:30 a.m. – 4:30 p.m. BEDFORD \$299		

WEB DESIGN – ADVANCED for ages 10 - 15

Advanced Web Design camp will build upon your knowledge of Adobe Photoshop & Dreamweaver through step-by-step tutorials and interactive exercises. This camp is geared towards students that have some knowledge of Adobe software including Photoshop, Dreamweaver and Flash Animation. It runs in a PC lab on campus. Students will be working on creating a personal web page.

YTH 679 30	8:30 a.m. – 4:30 p.m.	BEDFORD	\$299
	ENCE! For ages 10 - 15 on for details about this camp. (page 3) 8:30 a.m. – 4:30 p.m.	BEDFORD	\$299
	I CAMP for ages 10 -15 on for details about this camp. (page 4) 8:30 a.m. – 4:30 p.m.	BEDFORD	\$299
TECHIE CAMP fo See prior description YTH 683 31	r ages 10-15 on for details about this camp. (page 2) 1:00 p.m. – 4:00 p.m.	BEDFORD	\$149

CAKES, CUPCAKES AND COOKIES for ages 10 - 15

See prior description for details about this camp. (page 4) There is a \$35 supply fee payable to the instructor for this program.YTH 677 319:00 a.m. - 12 p.m.BEDFORD\$189

For kids that wish to take both Techie camp and Bake and Decorate programs, there will be childcare available in between the two offerings from 12:00 p.m. – 1:00 p.m.



Note to Parents

- Sections often fill quickly. To avoid disappointment, we encourage you to register early.
- For your child's safety and optimal learning experience, please honor the age requirement.
- Our programs are educational and career oriented. Our goal is to provide a safe and fun learning environment. All students must demonstrate behavior consistent with this goal.
- Required forms will be available on our website after February 13, 2015. You can download them at www.middlesex.mass.edu/careertraining and click on College for Kids. These forms need to be returned to Teresa Medina, 591 Springs Road, Bedford, MA 01730. In addition, specific forms will be emailed out prior to the start of camp. All forms must be submitted in order for your child to participate.
- MCC College for Kids complies with Department of Public Heath recreational camp regulations.
- College for Kids programs are not eligible for waivers.

Refunds

When a student drops or withdraws from a program, processing, instructional and other costs must still be met by the college. Therefore, refunds for official withdrawals are as follows:

All programs:

30 or more days prior to start date	
Less than 30 days prior to start date	
After first day	\$0

To be eligible for a refund, students MUST notify the Student Information Center in writing, or by calling 1-800-818-3434 to request their refund. If you want to withdraw you may transfer to an alternative kid's program or receive a 100% credit, valid for 6 months, towards noncredit courses. Refunds for drops made by mail are computed according to the date of postmark. Instructors are not responsible for reporting decisions to withdraw. Lack of attendance, course abandonment or failure to make or complete payment does not constitute official withdrawal. If you used a credit card to pay, the refund will be credited to the credit card account.

In cases where a program has been cancelled, a 100% refund is made. The Community Education and Training Department reserves the right to cancel programs for which there is insufficient enrollment and to reschedule programs, to change instructors, to change locations and to take other administrative actions as necessary. Refunds are not automatically warranted based on these changes.

The above refund policy applies to College for Kids programs only.

Middlesex Community College reserves the right to make changes in policy and regulations at any time as circumstances dictate.

College for Kids Program Cancellations

College for Kids Programs are sometimes cancelled. When circumstances permit, we notify the student of the cancellation approximately 30 days prior to the start date. Our staff will gladly to help you select an alternate program or expedite a refund.



2015 College for Kids Registration Form

Student Name:	Date of Birth:	
Parent name:	Age on program start date:	
School Attending:	Gender: 🗅 F 🗆 M	
Address:		
City/State/Zip:		
Telephone# Work:	Telephone# Home:	
Cell:	E-mail:	
How Did You Hear About College for Kids?		

YTH# PROGRAM COST YTH# PROGRAM COST July 6-9 July 27-30 □ YTH 610 30 ACE: Aviation and Sim 🗆 YTH 621 31 Legomindstorms 339 299 UYTH 618 30 🖵 YTH 622 30 Veterinary Early Training 339 **Case Studies in Vet Medicine** 339 UYTH 623 30 Digital Photography ❑ YTH 628 30 Web Design for Beginners 299 299 □ YTH 634 30 **Experience Writing** 🗆 YTH 681 31 Fitness 299 299 🖵 YTH 650 30 **Film Production** 🖵 YTH 694 30 Books, Books, Books 299 299 🖵 YTH 673 30 **Project Fashion** 339 August 3-6 July 13-16 UYTH 622 31 **Case Studies in Vet Medicine** 339 ❑ YTH 610 31 **ACE:** Aviation and Simulation 339 UYTH 651 30 Digital Photography II 149 🖵 YTH 614 80 □ YTH 677 30 Cakes, Cupcakes, & Cookies Fashion Design 339 189 🗆 YTH 618 31 🖵 YTH 695 30 Veterinary Early Training Minecraft 299 339 🗆 YTH 623 31 Digital Photography 299 □ YTH 696 30 Engineering-Hit the Target 299 🗆 YTH 683 30 Techie Camp 🗆 YTH 697 30 Improvisation Camp 299 149 🖵 YTH 693 30 **Advanced Film Production** 299 August 10-13 July 20-23 🗆 YTH 639 31 All About Science! 299 UYTH 621 30 Legomindstorms 299 UYTH 677 31 Cakes, Cupcakes, & Cookies 189 □ YTH 634 31 **Experience Writing** 🖵 YTH 679 30 Web Design-Advanced 299 299 🖵 YTH 639 30 All About Science! 🗆 YTH 682 30 Advanced Robotics 299 299 🗆 YTH 670 30 **Engineering Hovercrafts** 🗆 YTH 683 31 Techie Camp 299 149 🗆 YTH 681 30 Fitness 🗆 YTH 697 31 Improvisation Camp 299 299 🗆 YTH 691 30 Coding for Kids 149 □ YTH 692 30 Stop Action/iMovie 149 **July 6-24** 🗆 YTH 637 80 Drama Camp (Shrek the Musical) 599 Total \$

Total \$ ____

Gran<u>d Total </u>\$

College for Kids Programs are not eligible for waivers.

□ Cash □ Check (payable to: Middlesex Community College) □ Other	
If paying by credit card, please be sure to fill in information below	Amount Paid:
	Balance Due:
Charge to my: C VISA C DUC ^{OVER} for payment of tuition and fees.	Cashier ID:
Note: Refunds are applied to the card amount.	
Cardholder's Name:	Date:
	Ву:
Signature:	Reg. Code:

Payment Method:

Middlesex Community College, Community Education, 591 Springs Road, Bedford, MA 01730 or call 1-800-818-3434 to register by phone.