A summer of fun and enrichment awaits!
Sign up today for DCC’s popular and exciting academies!

- Explore and Learn for ages 6-11 (week-long programs, 9 a.m. - 4 p.m.)
  - American Time Travel (6/30-7/3), Building and Constructing (7/7-11), Outer Space (7/14-18),
  - Pets and the Animal Kingdom (7/21-25), Mysteries and Detectives (7/28-8/1), Harry Potter’s Magic Adventure (8/4-8), Art Gallery (8/11-15), Olympics and Cultural Exploration (8/18-22)
- Computer Academy for grades 3-12
  - Adventures in Computing, Computer Hardware, Video/Audio Production, LEGO Robotics
  - Computer Academy, Introduction to Programming Languages, Web Design, CAD
- Geek Camp for grades 7-12
  - Graphics-3D Blender Software, Game Design, Android App Development
- Documentary Film Workshop for grades 10-12
- Golf Academy for ages 6-16
- Music for ages 6-17 (Piano and Performing Arts Institutes)

EARLY DROP-OFF (8 a.m.) AND LATE PICK-UP (6 p.m.) ARE AVAILABLE

suny dutchess.edu/kidsoncampus

Explore and Learn!
Explore and Learn programs are held at DCC, main campus. Patrick O’Connor, coordinator

Monday, June 30 - Thursday, July 3
ENC232 AMERICAN TIME TRAVEL
Embark on a journey through time! On your voyage, you will learn about the development of America as we know it. You will re-enact and re-create events that have shaped the land we love and important figures will be brought back to life! How will you leave your mark on America? This is the perfect place to start planning! (28 hours)

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<th>Ages</th>
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<td>6-7</td>
<td>10</td>
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DAY CARE

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<td>15D</td>
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Monday, July 7 - Friday, July 11
ENC204 BUILDING AND CONSTRUCTING
Come build structures and models using LEGO, blocks and household items! Learn how a bridge works and why skyscrapers can be built so tall. Test the strength of different materials and design your own project! Explore famous world landmarks, such as the Empire State Building, the Golden Gate Bridge, and the Leaning Tower of Pisa. The sky’s the limit for this week that gets creativity flowing! (35 hours)

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DAY CARE

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Monday, July 14 - Friday, July 18
ENC467 OUTER SPACE
Blast off into a world of stars, planets and endless discovery! Build your own planet and learn about the solar system. Learn why you can jump higher on the moon and how a spaceship works. Find out why the moon is sometimes full and if humans can someday live on Mars. This week is all about using your imagination! Come take off with us! (33 hours)

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DAY CARE

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suny dutchess.edu/kidsoncampus
Monday, July 21 - Friday, July 25
ENC205 PETS AND THE ANIMAL KINGDOM
Discover unique animal species and explore different habitats! Learn how people can help save endangered species and how to take care of household pets. Learn where different animals live and what they eat. Design your own one-of-a-kind animal! Where does it live and what will it look like? Come find out more about the animals that share the Earth with us! (35 hours)
5311  10 Ages 6-7  9 a.m. - 4 p.m.  $160
5312  11 Ages 8-9  9 a.m. - 4 p.m.  $160
5313  12 Ages 10-11  9 a.m. - 4 p.m.  $160
DAY CARE
5314  13D  8 a.m. - 9 p.m.  $20
5315  14D  4 p.m. - 5 p.m.  $20
5316  15D  4 p.m. - 6 p.m.  $40

Monday, July 28 - Friday, August 1
ENC208 MYSTERIES AND DETECTIVES
Solve tricky mysteries and act like a true detective! Find clues and crack open cases by analyzing handwriting and identifying mystery substances. Discover how science can help find answers and test your brilliance with brain teasers and riddles. Find your inner Sherlock Holmes with us this week! (35 hours)
5317  10 Ages 6-7  9 a.m. - 4 p.m.  $160
5318  11 Ages 8-9  9 a.m. - 4 p.m.  $160
5319  12 Ages 10-11  9 a.m. - 4 p.m.  $160
DAY CARE
5320  13D  8 a.m. - 9 p.m.  $20
5321  14D  4 p.m. - 5 p.m.  $20
5322  15D  4 p.m. - 6 p.m.  $40

Monday, August 4 - Friday, August 8
ENC210 HARRY POTTER’S MAGIC ADVENTURE
Hop aboard the Hogwarts Express to a land filled with magic and wonder! Learn tricks and create your own magic wand! Make potions and use enchanted sand to make marvelous creations! Using science, literature and creativity, anything is possible! (35 hours)
5323  10 Ages 6-7  9 a.m. - 4 p.m.  $160
5324  11 Ages 8-9  9 a.m. - 4 p.m.  $160
5325  12 Ages 10-11  9 a.m. - 4 p.m.  $160
DAY CARE
5326  13D  8 a.m. - 9 p.m.  $20
5327  14D  4 p.m. - 5 p.m.  $20
5328  15D  4 p.m. - 6 p.m.  $40

Monday, August 11 - Friday, August 15
ENC521 ART GALLERY
Let your creativity run wild! View artwork from famous artists and create your own masterpiece! Paint, draw and sculpt to your heart’s desire! At the end of the week, projects will be featured in a gallery that will consist of unique, original artwork! (35 hours)
5329  10 Ages 6-7  9 a.m. - 4 p.m.  $160
5330  11 Ages 8-9  9 a.m. - 4 p.m.  $160
5331  12 Ages 10-11  9 a.m. - 4 p.m.  $160
DAY CARE
5332  13D  8 a.m. - 9 p.m.  $20
5333  14D  4 p.m. - 5 p.m.  $20
5334  15D  4 p.m. - 6 p.m.  $40

Monday, August 18 - Friday, August 22
ENC216 OLYMPICS AND CULTURAL EXPLORATION
Come explore the Olympic Games and the countries that compete from around the globe! Immerse yourself in the lifestyle of foreign nations by tasting foods, discovering native music, and learning words in a different language! This is the perfect way to celebrate an Olympic year! (35 hours)
5335  10 Ages 6-7  9 a.m. - 4 p.m.  $160
5336  11 Ages 8-9  9 a.m. - 4 p.m.  $160
5337  12 Ages 10-11  9 a.m. - 4 p.m.  $160
DAY CARE
5338  13D  8 a.m. - 9 p.m.  $20
5339  14D  4 p.m. - 5 p.m.  $20
5340  15D  4 p.m. - 6 p.m.  $40
KIDS & TEENS ON CAMPUS

Computer Academy

CCL004 ADVENTURES IN COMPUTING GRADES 3-5
Adventures in computing is a two week program in which students will be introduced to a variety of computer activities stressing logical thinking, computer skills and beginning programming. Topics to be covered include: MS Office Suite XP, digital photography and image manipulation, video with Windows Movie Maker, 3D drawing with Google Sketchup and HTML for web pages. (Sect.10-63 Hours, no class on July 4; Sect. 11 - 70 Hours)

Day Care available, call 431-8910.

CCL007 COMPUTER HARDWARE GRADES 6-12
Students will have the opportunity to work with an experienced technician to discover the inner workings of computer architecture. Students will become familiar with the various components that comprise the hardware structure of a computer and work to assemble and troubleshoot the machines. In addition, students will be given an opportunity, although it is not required, to choose and purchase components for assembly of their own computer, to take home and keep. Installation of operating systems and basic networking will be covered. Several classes also will be spent introducing students to “modding” techniques to truly personalize their own machines. (Sect. 10 - 27 Hours, no class July 4; Sect. 11 - 30 Hours)

CCL008 STUDIO PRODUCTION VIDEO/AUDIO GRADES 6-12
This program immerses students in a professional video production environment. Working in the college’s broadcast studio and in field with locating equipment, students learn all elements of the video production process and work together to create a collaborative product. Each student can choose an area of interest in the process and explore it in depth. Through their experiences on location, in the sound stage and in the video editing rooms, students will be left with a real impression of what it's like to work in the video production industry. Students will upload videos to the Summer Academy website and be provided with a copy of their final product. Students who take the Video Production class in the first session and wish to continue into the second session will work to further enhance their production and editing skills and will take the lead in producing and directing one of the Summer Academy’s short films. Many students write their own scripts and see them through to completion. (Sect.10 - 63 Hours, no class on July 4; Sect. 11 - 70 Hours)

CCL010 LEGO ROBOTICS COMPUTER ACADEMY GRADES 6-12
Come play with Lego Mindstorm robots while learning basic programming principles. Participants will build different Lego Mindstorm robots and learn how to program the robots to perform tasks that you choose. Fun and exciting missions from the FIRST Lego League competition as well as “Battlebots” style competitions will be used as examples of what the robots can be programmed to do. (Sect. 10 - 27 Hours; Sect. 11 - 30 Hours)

CCL017 INTRODUCTION TO PROGRAMMING LANGUAGES GRADES 6-12
This course is the perfect fit for students who will be entering advanced placement programming classes in high school and will expose participants to object-based programming. Working with popular language, students will become familiar with the basic functions of the language and work toward developing both an independent and a collaborative project that showcases the skills that have been developed. This course will prepare students for more advanced programming in the future. (Sect. 10 - 27 Hours; Sect. 11 - 30 Hours)

CCL018 WEB DESIGN GRADES 6-12
Students will become familiar with many aspects of web site design and development. They will explore web programming languages such as HTML, JavaScript and CSS as well as software solutions such as Adobe Dreamweaver and Sublime Text 2. We also will explore mobile web design for webpage viewing on smartphones and tablets. Students will have the opportunity to build their very own webpages as well as design and create the academy website. Each student will choose some of his/her work to be uploaded and viewed on the academy website at the end of each session. (Sect.10 - 27 Hours; Sect. 11 - 30 Hours)

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CCL200 AutoCAD GRADES 6-12
AutoCAD is a professional design tool used by architects and engineers to design and modify real-life buildings and machines. As part of this course, students will learn the various tools offered by this powerful piece of software. Along the way students will work to design objects and machines of their own imagining. As a final project, students will work to plan and design their “dream house” using the skills learned in CAD.
This half-day program meets from 1 p.m. - 4 p.m. (Sect. 10-27 Hours; Sect. 11-30 Hours)

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<td>J Lentine</td>
<td>$300</td>
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ENC503 DOCUMENTARY FILM WORKSHOP AT DCC (GRADES 10-12)
Be part of the team that creates an entire documentary film in a two-week period while learning every aspect of the process including pre-production, interviewing, field work, location filming, digital media management, transcribing, editing and post-production, promotion and final screening. It’s sure to be an intense 12 days and the result will be a finished film. (96 Hours)

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<td>Sperry/Stone</td>
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Geek Camp
Graphics, Gaming and Android App Software Design

CCL220 GRAPHICS- 3D BLENDER SOFTWARE (GRADES 9-12)
3D computer graphics has gained tremendous popularity with artists who create content and viewers who enjoy that content. Students will use Blender Software to learn 3D basics, create 3D objects and “worlds” and create 3D animations. Prerequisites: General knowledge of graphics software is helpful. (Sect. 10 - 27 Hours; Sect. 11 - 30 Hours)

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CCL221 GAME DESIGN (GRADES 9-12)
This course covers the fundamentals of game design and development using Java. Students will learn standard programming skills used in the creation of interactive software, including event handlers and concurrently running threads and will consider the players’ perspective, making game-play enjoyable and user-friendly. Prerequisites: Students should be familiar with c-style programming and have taken an introductory programming class, such as Visual Basic from the DCC Summer Computer Academy. This is a half-day program (Sect. 10 - 27 Hours, no class 7/4; Sect. 11-30 Hours)

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CCL222 ANDROID APP DEVELOPMENT (GRADES 7-12)
Using the MIT App Inventor software, students will learn to create applications that can run on their Android tablets and phones. This software allows drag-and-drop programming for getting apps built with a minimum of programming knowledge. Sample projects include simple games, controllers for Lego Robotics and more. Prerequisites: Programming knowledge is not necessary but helpful. Students can use Android phone or tablets (with an SD card installed) in class. (Sect. 10 - 27 Hours, No class 7/4; Sect. 11 - 30 Hours)

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Golf Academy

Please call Bill Proal, director, at (845) 223-1607 with questions.

FAL006 FALCON YOUTH GOLF ACADEMY (CO-ED AGES 6 -16)
The Falcon Academy provides a variety of learning experiences from individualized instruction to group sessions from the leading area golf clinicians, coaches and PGA professionals. Skills emphasized include: grip, stance, swing concepts, chipping, putting and sand shots. Instruction also is provided on the basis of USGA rules, etiquette, scoring and proper methods of practice.

A four-hour session is scheduled for Friday, 7/11 to conduct an end-of-academy program and awards program. Parents are invited.

The Youth Academy may be split into two sections depending on the number of registrants.

If not, students will be grouped according to age and ability to ensure a comfortable learning experience for all.

FEE: $242 includes instruction, awards, sessions with pros and video analysis.

LOCATION: DCC Falcon Hall, various local courses and practice facilities.

EQUIPMENT: If possible, students should try to provide a minimum of three clubs (9 iron wedge, 7 iron, putter). Clubs are available for those without clubs. A 1/2” blank video tape will be needed during the Academy if the golfer desires to be taped.

DIRECTOR: Bill Proal, Professor of Physical Education and Athletics. Intercollegiate golf coach. NJCAA Region XV Golf Tournament Director.

LEAD INSTRUCTORS: Gary Stauderman, former University of South Florida player, leading area amateur, DCC adjunct faculty instructor. Rhett Myers, PGA Professional, Golf Director, Vassar College, DCC adjunct faculty instructor.

GUEST CLINICIANS: Tony DeStefano, Head Pro, McCann Golf Club; Ivar Zirnis, PGA Professional.

SCHEDULE: A complete schedule will be mailed 2 weeks prior to the start of the Academy. Academy does not meet July 4th.

FAL007 FALCON PLAYERS GOLF ACADEMY

This program is designed for the young player who is ready for practical playing experience on some of the finer area public and private courses. Students will have the opportunity to play 18 holes on such courses as McCann, Casperkill, Dutchess Golf and Country Club, Southern Dutchess Country Club and other top area locations. (25 Hours)

ELIGIBILITY: Prior playing experience or experience in the Falcon Academy is required. Academy Director will determine if a student is eligible for the Player’s Academy.

STAFF: Bill Proal- Director, Gary Stauderman and leading area amateurs/instructors. A complete schedule will be sent a few weeks prior to the start of the Player’s Academy.

Music

MUX 800 ANNUAL SUMMER PIANO INSTITUTE (AGES 6-12)

(4-day summer piano immersion) The Summer Piano Institute is for students of all levels, from beginners taking their first lesson to highly advanced piano students. Students have an opportunity to work with a variety of highly-skilled instructors during the four days. Curriculum includes individual and group lessons, ensembles, composition, improvisation, and much more. Students are grouped by age and ability level.

Morning and afternoon music-related childcare may be arranged at an additional fee. Students will bring a bag lunch. Free admission to faculty concert during the week.

For more information or for special circumstances, contact Julie Wegener, director, at (845) 431-8916 or wegener@sunydutchess.edu.

MUX 777 ANNUAL PERFORMING ARTS INSTITUTE (AGES 7-17)

Students will gain valuable life skills while learning the fundamentals of theater - acting, dance and singing. Our fun, varied activities will culminate in a costumed production on the second Friday afternoon of each two week session. The Friday, 2:00 p.m. shows are free and open to all. Activities include theater games, improvisation, scene study, musical theater, various dance styles, choral and solo singing, and optional playwriting. Students ages 7-17 may register for one or both of the following 2-week all-day sections. Participants grouped by age.

Institute is held in the James and Betty Hall Theatre in Dutchess Hall.