Alfred University

Summer Programs for Teens

Art Portfolio
Astronomy
Chemistry
Chinese
Computer
Creative Writing
Engineering
Equestrian
ESL
Swimming
Theater

Individuals. Inspired.
Welcome...

Each summer we welcome high school and pre-high-school students from all over the country to our beautiful campus to make the most of their summer vacations by participating in exciting academic institutes and sports camps. These programs provide opportunities to learn more about a favorite subject, enhance your skills, sample life on a college campus, and meet other students with similar interests and academic ability. We invite you to come join us to make this a summer to remember at Alfred University!

- Melody McLay, Director, AU Summer Programs

PROGRAM HIGHLIGHTS: Our summer programs are designed to provide top quality instruction in a supportive environment, enjoyable activities, safe and pleasant surroundings, comfortable housing and nutritious meals, while also giving students an idea of what it is like to be in college. We combine just the right amounts of learning and fun to make each week a memorable experience for all. Our programs are highly rated by our students and their parents. Actual quotes from past students are included throughout this booklet.

LOCATION: Our campus is located in a safe, peaceful village in western New York State, where summer days are warm and nights are cool and comfortable. Surrounded by rolling hills and beautiful meadows and valleys, Alfred University is the perfect place for students to spend an enjoyable week learning more about a favorite subject or sport.

FACULTY: Our programs are staffed by distinguished members of the AU faculty, with advanced graduate students assisting. With Alfred University’s excellence in teaching and commitment to offering quality programming, these are among the most educational and fun summer programs in the country.

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OUT-OF-CLASS ACTIVITIES, HOUSING, MEALS & SUPERVISION: When not in class, students enjoy organized recreational activities such as indoor and outdoor games, movies, visits to a nearby lake for picnics and campfires, swimming, social gatherings at the Coffee House, hikes, bowling, hay rides, a camp talent show, a farewell party on the last night, and more. Out-of-class supervision is provided by our team of Resident Directors and Resident Assistants, who are specially trained to serve as camp counselors, positive role models, mentors and friends. Students stay in clean, modern residence halls and delicious, all-you-can-eat, cafeteria-style meals are served in the University dining hall. Living, dining and learning together, students have ample opportunity to get to know each other well and develop lasting friendships.

WHO CAN ATTEND? The age range varies from program to program. Please review the detailed program descriptions in this booklet for further information.

HOW TO APPLY: Application instructions are included on page 8, followed by an application form on page 9. The completed application, deposit and associated materials must be received in our office by April 16, 2010. We will begin accepting applications January 4, 2010.

PAYMENT: Fees vary, depending upon the length and content of each program. Please review the program pages in this booklet for further information. Fees cover tuition, supervision, program materials, field trips, recreational activities, housing and meals. Participants are responsible for transportation, incidentals and any extra nights or meals that are not included in the program package. A deposit is due with the application and the balance must be paid prior to the start of the program (exact due date will be included in the acceptance letter). Payment may be made by check, money order or credit card.

TRANSPORTATION: Our campus, a 6-hour drive from New York City, 2 hours from Buffalo and 1¼ hours from Rochester, is easily accessible by car or bus from all directions. Driving directions and other details will be sent to all accepted students. The nearest major airport is the Rochester International Airport. Transportation to and from the airport can be arranged for an additional charge of $100 per person.

CHECK OUT OUR WEBSITE:
At www.alfred.edu/summer you can find detailed information about all of our summer programs, including downloadable brochures and application forms, and view our Summer Programs video! For complete information about Alfred University, and a “virtual tour” of our campus, please visit www.alfred.edu.

CONTACT US: Alfred University Summer Programs, 1 Saxon Drive, Alfred, NY 14802-1205, 607-871-2612, Fax: 607-871-2045, E-mail: summerpro@alfred.edu

“The teachers were great! The classes were interesting and educational. The best thing was the experience of being at college!”
How to get into A Top Art School Institute

July 18-22, 2010

Who Can Attend
This program is for students entering their junior or senior year of high school who wish to continue their education at a top art school.

Program
This is a 5-day intensive course in establishing preparation for applying to a top art school. The program focuses on building a strong portfolio and careers in the arts. The schedule also includes one-on-one portfolio critiques, studio activities such as observational drawing and color study, a trip to a professional artist’s studio, college advising, and presentations on various artists’ career paths, such as studio artists, museum/gallery work and graphic arts/web design. Students are required to bring their portfolios to campus with them for review.

Schedule
• Registration runs from 2:00-4:00 p.m. on Sunday, and is followed by orientation, dinner, and welcome activities.
• Monday, Tuesday and Wednesday morning activities include: breakfast, overview of the day, and artist’s biography. After lunch each day there will be a different art-related experience. Evening events include dinner, activities with our staff, and one evening of open studio.
• Thursday is the wrap-up day, with breakfast, then a full morning drawing session, lunch and checkout at 1:00 p.m.

Institute Fee: $795 (includes $100 deposit)

A complete schedule, along with driving directions and other information, will be sent to all students upon acceptance. For further information, please visit: www.alfred.edu/summer/camps/art.cfm

The Director
This institute is directed by Kevin Jacobs, AU Career Advisor, Liaison to the School of Art and Design and Director of the Cohen Art Center. Formerly in Creative Services at Polo Ralph Lauren NYC, Mr. Jacobs is an interior designer and former owner of a home design firm in Venice Beach, California.

Questions about this program may be directed to him at: jacobsj@alfred.edu or 607-871-2164
Astronomy Institute
July 18-23, 2010

Who Can Attend?
This exciting residential program is designed for students entering grades 10-12 who love astronomy and are interested in pursuing an education in math or the physical sciences.

Program
Students enjoy a mix of night and daytime activities involving extensive use of the observatory’s telescopes and electronics. The program also includes fun recreational activities.

Sample Topics Include:

Faculty
This dynamic program is directed by the Alfred University Physics and Astronomy faculty, all recognized experts in their fields. Current research interests of the faculty include variable stars, asteroid measurements, and the study of solar activity.

Facilities
The institute is conducted at the Stull Observatory on the Alfred University campus. This facility, one of the best teaching observatories in the country, is equipped with telescopes ranging from 8-32 inches in diameter as well as electronic detectors and support computers.

Institute Fee: $895 (includes a $100 deposit)

For further information, please visit us online at www.alfred.edu/summer/camps/astronomy.cfm

For specific information about class content please contact:
Dr. David Toot, Institute Director at 607-871-2208, tootgd@alfred.edu

“I thoroughly enjoyed the program. The observatory facilities were excellent.”

“It was a great experience. I loved having the opportunity to use the observatory’s telescopes.”

“I loved learning how to use an observatory as a professional astronomer would.”
Pre-Chemistry Camp
July 11-16, 2010

Who Can Attend?
This dynamic camp provides a great head start for students aged 13-15 who are interested in science but have not yet taken a high school chemistry course. Classes are taught by distinguished members of the Alfred University Chemistry faculty.

Program
The program emphasis is on learning and having fun! Students will learn about:
- The atom
- The periodic table
- Measurement
- Naming chemical compounds
- Reactions

In addition to exciting classes and daily lab work, there will be enrichment activities including guest speakers and presentations on current events in the field of chemistry.

Additional Activities Include:
- Profiles of famous chemists
- Guest speakers presenting research and demonstrations
- Chemistry games and puzzles
- Chemistry in the news
- Student presentations

Camp Fee: $895 (includes $100 deposit)

For further information, please visit us online at www.alfred.edu/summer/camps/chemistry.cfm

Faculty
The camp is directed by Mrs. Ruth Bowers, AU assistant professor of Chemistry (607-871-2330; bowersr@alfred.edu) and Dr. Andy Eklund, AU associate professor of Chemistry (607-871-2820; eklundag@alfred.edu). Questions about camp academic content and/or instruction may be directed to either of them.
Computer Engineering Camp
June 27-July 1, 2010

WHO CAN ATTEND?
This dynamic camp is for students aged 12-17. The number of participants is kept small (20-25) to allow for individualized attention and optimal use of equipment.

PROGRAM
This exciting program offers computing experiences for both basic and advanced students. Students learn at their own pace, each at their own computer station. Both creative and practical programming will be covered, but the emphasis is on having fun.

Students will experience “hands-on” learning in small classes, through regular practice, seminars and demonstrations. They can choose to learn on their own, or work in a group. When they register, students can select the areas of computing they wish to study.

INSTRUCTION TOPICS INCLUDE:
- video game design
- computer languages
- software applications
- microcontrollers
- web page design
- simple robotics

Students will learn an advanced language such as C++ or Java and can experiment with new graphics languages.

Each will program different applications that they will then be able to take home. Students can learn advanced programming skills to program robots, sensors and security systems!

Web page design will include instruction in HTML - the standard used to program web pages - as well as DHTML.

Students will also learn to use software to create graphics. Each student will leave camp having designed his/her own web page that includes text and graphics.

CAMP FEE: $795 (includes $100 deposit)

For further information, please visit us online at www.alfred.edu/summer/camps/computer-engr.cfm

Faculty
Classes are taught by college professors and advanced graduate students with experience in all realms of computer engineering. Wallace Leigh, AU professor of Electrical Engineering, serves as Director of the Computer Engineering Camp. Any questions about camp content and/or instruction may be directed to him. Professor Leigh can be reached at his office: (607) 871-2463; or at his email address: fleigh@alfred.edu.
Confucius Institute: Chinese Language and Culture Camp

July 11-16, 2010

WHO CAN ATTEND?
This week-long, residential camp is for students aged 12-17 who wish to participate in a fun, dynamic summer experience in Chinese language and culture. For classes, students will be divided into two age groups: 12-14 and 15-17.

PROGRAM
Our Confucius Institute Chinese Language and Culture Camp offers a great introduction to Chinese language and culture in an exciting, fun-filled, interactive environment. The small-class format ensures that each camper gets sufficient individual attention. Morning sessions focus on Chinese language classes; while afternoons are filled with hands-on cultural activities such as traditional Chinese arts, crafts, calligraphy, songs, dance, games, cooking, and more.

CAMP FEE: $895 (includes $100 deposit)

For further information, please visit us online at www.alfred.edu/summer/camps/chinese.cfm

Creative Writing

Institute I – July 5-9, 2010 (Mon-Fri) Institute II – July 11-15, 2010 (Sun-Thu)

WHO CAN ATTEND?
These dynamic institutes are for students who will enter grades 10, 11 or 12 next fall, who love to write and wish to hone their writing skills. The number of participants in each institute is kept small (25) to allow for individualized attention.

PROGRAM
Each institute provides an introduction to a variety of genres: poetry, short fiction, creative nonfiction, and drama. In morning and afternoon sessions, students participate in writing-intensive exercises designed to address the elements of craft: voice, character, image, scene, and setting. In addition, students will have an opportunity to participate in workshop sessions in which they will read and discuss each other’s work with an eye towards revision. Students will also read and discuss the work of established authors, investigating the strategies they use to craft their poetry and prose. Discussions are lively, and students will have an opportunity to work one-on-one with faculty.

INSTITUTE FEE: $795 (includes $100 deposit)

For further information, please visit us online at www.alfred.edu/summer/camps/writing.cfm

Faculty

Susan Morehouse, professor of English and Chair of the AU English Department, is Institute Director. Rahul Mehta, AU Lecturer in English, serves as Co-director. Questions about institute class content may be directed to them:
Susan Morehouse – 607-871-2173, morehous@alfred.edu
Rahul Mehta – 607-871-2267, mehta@alfred.edu
Engineering Institute

Engineering the Elements: Polymers and Electronic Ceramics

June 27-July 1, 2010

Who Can Attend?
This program is for students entering grades 11 or 12. The number of participants is kept small to allow for individualized attention and optimal use of equipment. Students are given a wonderful opportunity to learn more about engineering, to sample life on a college campus and to meet others with similar interests and academic ability.

Program
The program offers exciting hands-on lab experiences focusing on polymers and electronic ceramics.

Polymers, both natural and synthetic, have unique properties based on their chemistry and physics.

• Understand how the absorbency of diapers relates to contact lenses and environmental cleanup while quantifying and modeling the water uptake.

• Experience the extreme variability of polymer viscosity via student-created slime and consider the effects of viscosity from “molasses in January” to personal armor protection.

Electronic ceramics, aka “solid state” electronics are fundamental to 21st century life.

• Get a good vibe from ceramics by building a piezoelectric buzzer and understanding the inter-relationship of ceramics to speakers, headphones and sonar (bat, dolphin, & naval).

• See how mundane processes like screen printing are applied to high end electronics by building your own touch pack.

• Check out the hidden electronic insides of consumer products: computers, MP3 players, hard drives, Xbox, etc.

As a concluding activity we’ll use cryogenic temperatures to illustrate some key concepts from chemistry & engineering, e.g., to break rubber and make ice cream!

Institute Fee: $795 (includes $100 deposit)

For further information, please visit us online at: www.alfred.edu/summer/camps/science.cfm

Faculty
Classes are taught by distinguished faculty of Alfred University’s Inamori School of Engineering. Dr. Steve Pilgrim, professor of Materials Science and Engineering, and Dr. Walter Schulze, professor of Ceramic Engineering and Materials Science, are the Institute Directors and serve as the primary instructors.
Summer Theater Institute

July 5-17, 2010

Summer Theater at Alfred provides a great opportunity for students to create, experience, and develop perspectives and skills in theater through full group sessions and with a good deal of individual attention, training and experience in theater from our distinguished faculty.

Our unique blend of broad choices and training in specific areas leads to many energetic classes and much individual growth. With a dynamic, engaging, talented, and caring faculty; terrific facilities; and lovely surroundings, the Alfred University Theater Institute could make this your best summer ever!

Who Can Attend?
This dynamic institute is for students entering grades 10, 11, or 12 next fall, who are interested in learning more about theater, performance and production.

Program
The program provides each participant with opportunities for progress in theater. There is range, choice, and growth for everyone.

Faculty
Becky Prophet, Professor of Theater, teaches acting, directing and playwriting, and serves as Director of the Summer Theater Institute. Any questions about the content of this institute should be directed to her. Professor Prophet can be reached at her office: 607-871-2255; or at her email address: prophet@alfred.edu.

Zachary Hamm is the Technical Director for the Performing Arts Division at Alfred University. During the academic year he teaches technical theater and is responsible for the organization and set for every theater production and dance concert. He can be reached at hamm@alfred.edu.

Rebecca Weaver is a graduate student in voice at the Eastman School of Music who will complete her Doctor of Musical Arts in Voice Performance in the summer of 2010. She invigorates the curriculum through teaching health and care of voice for performers, and can be reached at weaverr@alfred.edu.

Morning sessions focus on actor training, including improvisation, text analysis, character development, staging, voice production and movement for actors. All students learn more about theater through text and performance.

Afternoons are devoted to design and technical theater with sessions in stage managing, scenery, costume and lighting. Students receive experience and training in all areas, with opportunities to focus on one or two areas during the course of the two weeks.

Other afternoon sessions provide students with experience in voice and voice development. Two voice training sessions early in the institute lead to options for more sessions in voice for the stage, including some preparation for musical theater.

In the late afternoons students choose particular areas: voice for the stage, acting, design, technical theater and/or stage managing.

At least one trip to a professional theater will be included in the program, and the institute will conclude with a public performance of scenes and at least one rehearsed short play.

College Credit Option
Rising juniors and seniors can earn two hours of college credit, if desired, by completing extra assignments and paying an additional $200. Please indicate your interest in this option by including a note with the application form.

Institute Fee: $1,995 (includes $200 deposit)

For further information, please visit us online at:
www.alfred.edu/summer/camps/theater.cfm
Students who wish to apply must return:
1. the attached application form, or the PDF version found on our website
2. an up-to-date transcript or most recent report card
3. two letters of recommendation from teachers
4. a one-page essay telling us why you would like to attend the program
5. the $100 deposit (or $200 if applying to the Theater Institute) - non-refundable unless the student is not accepted

Plus, the following additional materials required by these specific programs:
• Theater—a recent photo (head shot if possible)
• Creative Writing—two writing samples, no more than 4 pages each (can be excerpts from longer works)
• Chemistry—a list of science and math courses you have taken

We will begin accepting applications January 4, 2010. Please send all items in one packet and submit before the application deadline: April 16, 2010. (Later applications may be considered only if space is available.) Incomplete or illegible applications cannot be accepted.

SEND TO:
Office of Summer Programs
Alfred University
1 Saxon Drive
Alfred, NY 14802
FAX: 607-871-2045
(If you fax the application form and materials, please call us at 607-871-2612 to make sure we receive them and that everything is readable.) Or scan and send electronically as a PDF file to: summerpro@alfred.edu

Payment
A deposit is due with the application and the balance must be paid prior to the start of the program (exact due date will be included in the acceptance letter). Payment may be made by check, money order or credit card.

Application Instructions

Acceptance
Acceptance decisions will be made and notification letters mailed within two weeks of the application deadline. Accepted students will receive additional materials including medical forms, permission forms, emergency notification forms, etc., that must be filled out and returned prior to the start of the program. Students requiring an earlier decision may include a note indicating the date by which they need to be notified.

Student Cancellation Policy
Refunds, less the non-refundable deposit, will be made for cancellations received by approximately 4 weeks prior to the start of each program. A 50% refund will be made for those received from that point until about 2 weeks before the start date. Sorry, no refunds can be issued after that time. Specific refund deadlines for each program will be included in the acceptance letters.

Other AU Summer Programs to check out on-line!

AU Swimming Camp
July 5-9 · For swimmers entering grades 7-12
www.alfred.edu/summer/camps/swimming.cfm

AU Equestrian Camp
July 18-22 · For ages 14-17
www.alfred.edu/summer/camps/equestrian.cfm

English-As-A-Second-Language Institute
July 5-24 · for ages 14-18
www.alfred.edu/summer/camps/ESL.cfm
Application Form

Application materials must be submitted by April 16, 2010.
(Later applications may be considered, only if space is available. Please call 607-871-2612 to check availability after deadline.)

Check program to which you are applying:
- Art Portfolio
- Astronomy
- Chemistry
- Chinese
- Computer
- Creative Writing I
- Creative Writing II
- Engineering
- Theater

Type or print clearly in ink only. Fill in all sections. Incomplete or illegible applications cannot be considered.

Student’s Name: ___________________________________________Preferred First Name for Nametag:____________________________________________

Home Address: ________________________________________________________________________________________________________________________Street City State Zip

Gender:  male  female     Phone (daytime number to call if we have questions):____________________________________________________________

E-mail:________________________________________________________________ Birth Date:____________________ Age: ___________________

Name of School:_________________________________________________________________ Year you will graduate from H.S.:_____________________

Parent/Guardian’s name:___________________________________________________ Parent/Guardian’s phone:____________________________________

Parent/Guardian’s email:______________________________________________________________________________________________________________

Please check one of the following:
- A deposit check is enclosed (made payable to Alfred University).
- Please charge deposit to the following credit card:  VISA  MasterCard  AMEX  Discover

Name of Card Holder:________________________________________________________________________________________________________________

Card Number:______________________________________________________ CVV number:___________________  Expiration Date: __________________
(3 digit code on back of card)

Amount: $_________________________ Authorized Signature:_____________________________________________________________________________

Card Holder Billing Address (if different from above):_____________________________________________________________________________________
Street City

State Zip code

Application Materials Checklist:
- Copy of an up-to-date transcript (to January 2010) or most recent report card
- First letter of recommendation from teacher (on official school stationery)
- Second letter of recommendation from teacher (on official school stationery)
- A one-page essay telling us why you wish to attend this program (must be in your own words and must include your signature at the bottom)
- A deposit check (made payable to Alfred University)
- List of math and science courses you have completed, if applying to Chemistry Camp
- A recent photo (head shot if possible) if applying to Theater
- Two samples of your writing (if applying to Creative Writing Institute)

Send this form with the required application materials to:
Office of Summer Programs
Alfred University
1 Saxon Drive, Alfred, NY 14802
FAX: 607-871-2045

(If you fax this form to us, please call to make sure we received it and it is readable.) Or you can scan your completed form and send it electronically, as a PDF file, to the email address below.
Questions? Call 607-871-2612 or email us at summerpro@alfred.edu. Thank you!
“The memories I share with everyone at Alfred will last a lifetime!”

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summerpro@alfred.edu