

SUNY
The State University
of New York

BE A PIONEER

Learn Skills Like a Pro and
Hit the Ground *Running*®...

SCHOOL OF
APPLIED TECHNOLOGY

A
ALFRED STATE
COLLEGE

★ **POINTS OF PRIDE**

#1 SUNY
REGIONAL COLLEGE
US NEWS RANKING

Recognized as one of the best applied technology schools in the state and nation – we emphasize hands-on training or applied skills and offer the Associate in Occupational Studies (AOS) degree.

The campus, which attracts over 700 students annually, is located in Wellsville, NY, about 15 miles from the Alfred campus.

ALFRED STATE COLLEGE



98%

**EMPLOYMENT
& CONTINUING EDUCATION**

RATE

**Mikal Smith, Autobody,
Wreck-Rebuild Projects, Hometown: Naples, NY**

"We learn about the real world. Getting hands-on you learn more, experience it, and you know exactly what is going to happen. When I go into the industry, I will already have done it."

NO. 1 ULTIMATE COLLEGE TOWN

WASHINGTON POST NATIONAL RANKING

#1 MOST AFFORDABLE

FOR LOW-INCOME & FIRST-GENERATION FAMILIES
NY STATE - AFFORDABLE COLLEGES RANKING



GOING GREEN

Alfred State College integrates renewable energy within many facets of both the academic and the facility divisions. Applied learning within the classrooms at Alfred State is supplemented through applications concurrent with clean energy initiatives and training across the state. ASC remains a committed partner to develop and deliver emerging technologies and remains a leader in green building technologies and renewable energy systems. The goal is to enhance overall workforce capacity within the state by developing laboratories and faculty expertise to conduct training in these clean energy technologies.



Finding a College That's the Right Size

We get it. You're attracted to all that a big school offers but want one small enough to provide the care and support you need. Big dreams come true at Alfred State including on-the-job internships and international opportunities while our tight-knit community provides advising, counseling, and tutoring. We cheer you on to success.

Conor Compton, Heavy Equipment Operations, Men's Swimming & Diving Team, Hometown: Rexford, NY

"I chose Alfred State because of the great opportunities to operate all this equipment. I get the college experience, the college degree, and I get to dive on the team."

Hit the ground running®...

STATE UNIVERSITY OF NEW YORK



👍 SMALL & FRIENDLY



**ASC Faculty LOVE
What They Do**

That's why they make excellent mentors, advisors, confidants, friends, and role models. Unlike a research-focused school, Alfred State faculty are skilled, hands-on experts who bring learning to life. Thanks to input from alumni and employers, we know what's needed on the job so you can exceed expectations in your career.

ALFRED STATE COLLEGE



16:1 STUDENT/FACULTY RATIO - 80+ MAJORS

GET INVOLVED.
MAKE A DIFFERENCE.

Help others through community service and develop as a leader equipped to make a positive difference on our campus and beyond. From helping with flood cleanup locally, to working to rebuild historic places and areas devastated by natural disasters around the country, Alfred State students don't just learn how to help someone—they learn why they should. Find what interests you most at AlfredState.edu/civic-engagement.

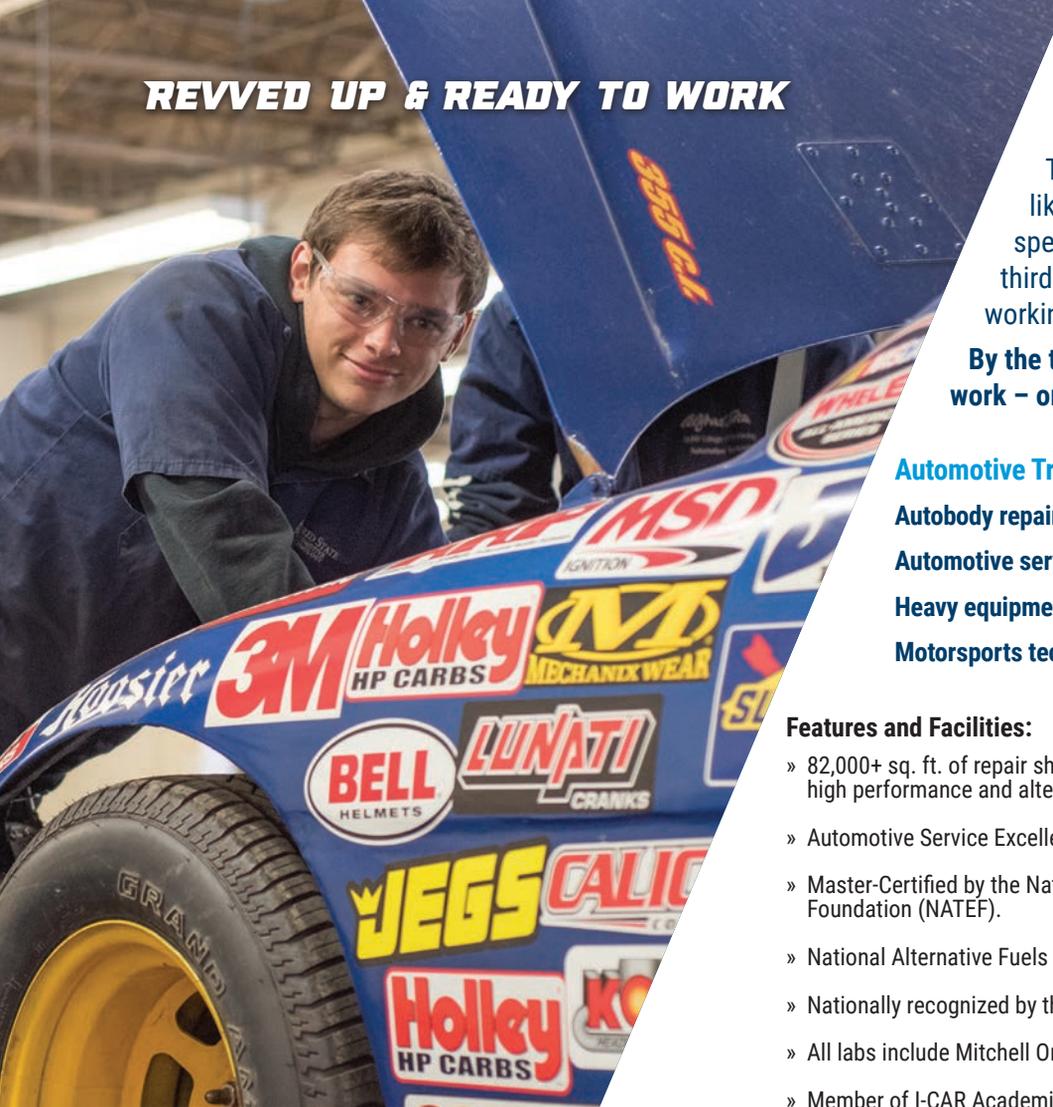
+ BIG OPPORTUNITIES



90+ CLUBS & ORGS - 20 NCAA SPORTS



REVVED UP & READY TO WORK



The four areas offered by the Automotive Trades Department prepare technicians like you for the ever-expanding and highly specialized trade. Here, you'll spend two-thirds of the day in hands-on laboratories, working with real parts on real repairs.

By the time you graduate, you're ready to get to work – on a rewarding career.

Automotive Trades Majors:

Autobody repair

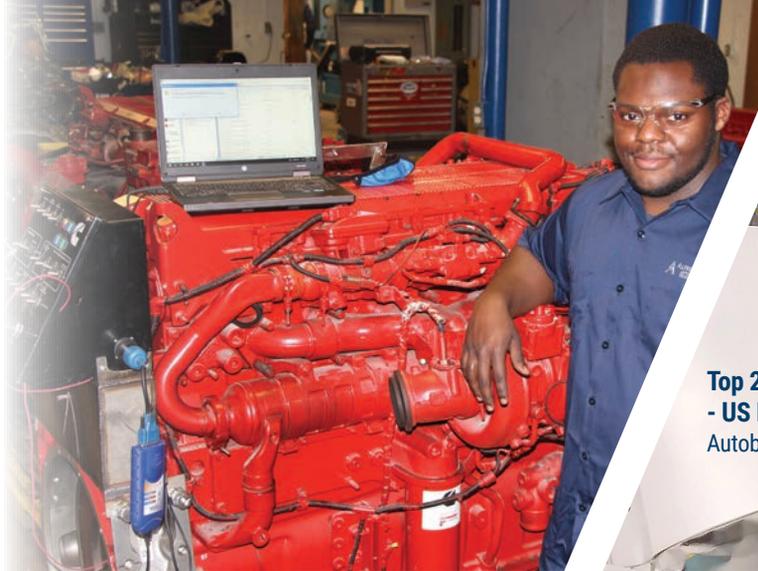
Automotive service technician - NATEF certified

Heavy equipment, truck & diesel technician

Motorsports technology

Features and Facilities:

- » 82,000+ sq. ft. of repair shops, latest engine and body shop equipment, high performance and alternative fuels engine diagnostics.
- » Automotive Service Excellence (ASE) certification testing site.
- » Master-Certified by the National Automotive Technicians Education Foundation (NATEF).
- » National Alternative Fuels Training Consortium (NAFTC) Training Center.
- » Nationally recognized by the Association of Diesel Specialists (ADS).
- » All labs include Mitchell On-Demand and All-Data information systems.
- » Member of I-CAR Academic Alliance.



OPPORTUNITIES FOR GRADS

Top 21 in US, No. 1 in NY
- US News & World Report
Autobody Repair



Students are eligible to apply for and take their NYS Motor Vehicle inspection certification exam during their senior year at a location convenient to them. Once you complete training, dealerships from all around New York and as far away as Atlanta, GA, come on campus to recruit.

Employment Options:

- » Automotive Technician Specialist
- » Collision shop technician
- » Electronic engine repair technician
- » Fabrication technician for customized vehicles
- » Factory representative
- » Fuel system repair technician
- » Insurance adjuster
- » Manager
- » Marine vehicle technician
- » Painter
- » Painting of fleet equipment including trains
- » Service and fleet manager
- » Service writer
- » Shop owner
- » Structural repair technician
- » Technician at an independent shop or dealership
- » Truck, diesel engine, and heavy equipment technician

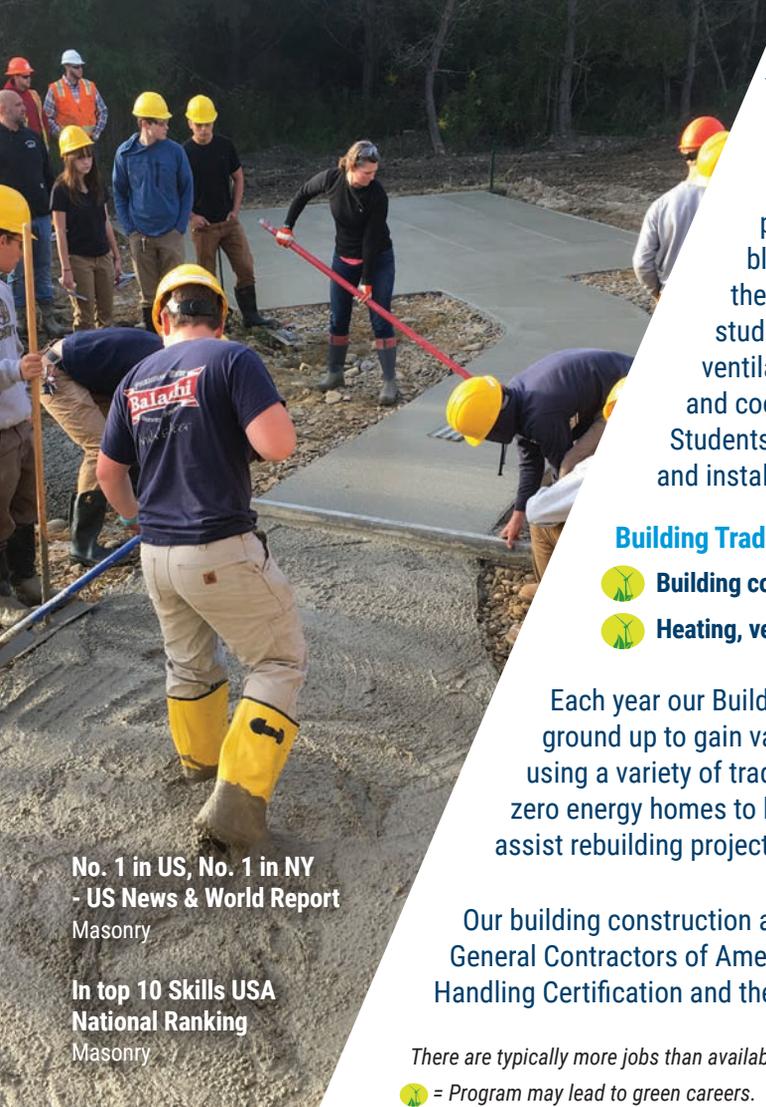
There are typically more jobs than available graduates in all the Automotive Trades programs.



No. 4 in US, No. 1 in NY
- Niche.com
Automotive Service Technician

Bronze Metal Skills USA
National Ranking
Automotive Service Technician





BUILDING TOWARD A GREAT CAREER

Coupled with hands-on experience working at off-campus construction sites, our four Building Trades programs provide the necessary theory, as well as instruction in blueprint reading, cost and materials, estimating, safety, and the use of newly developed equipment and materials. Masonry students construct fireplaces and decorative stonework. Heating, ventilation, and air conditioning (HVAC) students install heating and cooling systems, hot water tanks, and all plumbing fixtures. Students do everything from digging the foundation to constructing and installing floors and ceilings to countertops and cabinets.

Building Trades Majors:

-  **Building construction**
-  **Heating, ventilation, and air conditioning**
- Heavy equipment operations**
- Masonry**

Each year our Building Trades students construct modern housing from the ground up to gain valuable experience in foundations, framing, and finish work using a variety of traditional and sustainable materials. Structures range from zero energy homes to large scale commercial buildings. Our students regularly assist rebuilding projects for non-profits in disaster zones.

Our building construction and masonry programs are certified by the Associated General Contractors of America. The HVAC program offers the National Refrigerant Handling Certification and the National AHRI HVAC Competency Exam.

There are typically more jobs than available graduates in most Building Trades programs.

 = Program may lead to green careers.

No. 1 in US, No. 1 in NY
- US News & World Report
Masonry

In top 10 Skills USA
National Ranking
Masonry

LEARNING OUTSIDE THE CLASSROOM



In top 10 Skills USA
National Ranking
Carpentry



Features and Facilities:

- » Building Construction Lab – nearly every power and hand tool for all phases of the carpentry trade.
- » On-campus labs and equipment for instruction linked to off-campus projects that provide opportunities to experience training in a real-world environment.
- » National Refrigerant Handling Certification & the National Air Conditioning, Heating, and Refrigeration Institute (AHRI) HVAC Competency Exam.
- » Certified by the Associated General Contractors of America.
- » Students build homes that meet requirements to be certified as Energy Star and National Association of Home Builders (NAHB) Green Standard homes.

Employment Options:

- » Brick or stone salesman
- » Building construction firms
- » Building mechanical technician
- » Cabinetmaker
- » Carpenter
- » Construction foreman
- » Construction superintendent
- » Contractor
- » Disposal plant superintendent
- » Estimator
- » Expediter
- » Highway and heavy construction companies
- » HVAC specialist
- » Installer
- » Kiln mason
- » Logging companies
- » Maintenance supervisor
- » Manufactured housing technician
- » Mason
- » Mining/quarry companies
- » NYS DOT
- » Pipe fitter
- » Plumbing superintendent/foreman
- » Prefabricator
- » Private contractor
- » Private or commercial remodeling
- » Salesperson
- » Shop foreman
- » Town, village, and county highway departments



PREPARING FOOD & BRIGHT FUTURES



**Top 7 in NY - US News
& World Report**
Baking, Production, & Management

Our Culinary Arts programs get you involved with food prep from beginning to end. You'll learn how to handle ingredients all the way from ordering, to preparing, to serving the finished product to the customer. You'll also learn how to work to meet deadlines of production and service while helping your employers hit their profit margins.

Culinary Arts Majors:

Baking, production and management

Culinary arts

Whether you major in culinary arts or baking, production and management, you'll help cook approximately 750 meals a day for real customers in our student dining hall and in our à la carte lunch and fine dining kitchens. Selected banquet activities and special events are scheduled so that you may learn to plan and prepare for catered events. Through production at "real-world" levels, you develop professionalism, quality, and efficiency.

Can't decide between these two richly rewarding pathways? Start with one and return for just two more semesters to pick up the other degree!



REAL-WORLD LEARNING

Features and Facilities:

- » Full production food labs with newly renovated à la carte stations. These service the student dining hall and enhance quality food production skill sets.
- » High cuisine restaurant lab serving in fine dining room.
- » Bakery lab featuring traditional and cutting edge equipment used in commercial bakeries.
- » Lecture classes focus specifically on understanding all aspects of the culinary & baking business and industry.



Employment Options:

Cooking and supervisory positions in:

- » Catering
- » Clubs
- » Cruise ships
- » Hotels
- » In-store bakeries
- » Institutions
- » Resorts
- » Restaurants
- » Retail
- » Small business ownership
- » Wholesale

There are typically more jobs than available graduates in these fields.



WIRED FOR SUCCESS

In the electrical construction and maintenance electrician program, you will be prepared for a career in planning, layout, installation, and trouble-shooting of electrical systems, apparatus, control equipment, and wind and solar power systems, working both in the lab and off campus. In your freshman year, you will learn residential wiring and in your senior year, you'll learn commercial and industrial wiring.

Electrical Trades:



Electrical construction and maintenance electrician

Features and Facilities:

- » Labs are equipped with electrical, electronic, and automation technologies.
- » Freshmen students study residential wiring including rough-in and finish work on live building projects.
- » Senior students learn commercial/industrial wiring including wind turbines, photovoltaics, motor control, alarm systems, hazardous location, hydraulics, pneumatics, and process control systems.



= Program may lead to green careers.

Top 5 in US, No. 1 in NY
- US News & World Report
Electrical Construction and Maintenance



Alfred State students install and train on working functional renewable energy systems both on and off campus. The Alfred campus hosts wind systems inclusive of Bergey 10kW and a Northwind 100kW turbines. The Wellsville campus hosts a 2.5kW Proven wind turbine and multiple solar electric systems inclusive of a 5kW and 8.8kW grid intertie and numerous battery based systems which all supplement power needs of campus facilities, many within a laboratory based system.

The zero-energy home was built on campus to educate the construction workforce in green building techniques, including energy efficiency and renewable energy sources such as geothermal, solar thermal, photovoltaic, and small wind.

To find out more about Alfred State's green initiative and other programs that can lead to green careers, visit our website at [AlfredState.edu/sustainability](https://www.alfredstate.edu/sustainability).

Employment Options:

- » Construction site electrician
- » Designer
- » Electric motor control technician
- » Electrical estimator
- » Electrical inspector
- » Electrical technician
- » Electrical trade union/nonunion apprentice
- » Industrial maintenance electrician
- » Installer
- » Photovoltaic technician/installer
- » PLC programmer
- » Private contractor (residential, commercial)
- » Technical field representative
- » Wholesale representative
- » Wind turbine technician/installer

There are typically more jobs than available graduates in these fields.



MELDING THEORY WITH PRACTICE



Areas of study in the Electrical, Machine Tool, and Welding Technology Department offer 1,800 hours of related course work, theory, and hands-on practice, providing graduates with the necessary skills and knowledge to be highly successful in these dynamic fields. Both the CNC manufacturing and machining and welding technology majors offer course work on cutting edge equipment in our new Sustainable Advanced Manufacturing Center full-production shops.

Machine Tool and Welding:

CNC manufacturing & machining

Welding technology

CNC Manufacturing & Machining: Training on manual machines, blueprint interpretation, and inspection and measurement of parts certifies you to become an entry-level machinist. Your second year you will work on advanced applications and programming on full scale CNC machines and learn the language to be a programmer and a CNC machinist.

Welding Technology: Hands-on and classroom training helps you get certified as an entry-level welder. You'll also learn the fundamentals of welding metallurgy, testing and inspection, blueprint reading, fabrication, and industrial-related special welding processes.

TRAIN FOR IN-DEMAND JOBS



Features and Facilities:

CNC Manufacturing & Machining:

- » Labs equipped with the most up-to-date equipment and technology available.
- » Taught in an industrial setting using NC and CNC machine tools in second year.

Welding Technology:

- » Taught to American Welders Society (AWS) standards.
- » Up-to-date equipment, Arc, gas, MIG, and TIG stations.
- » CWE/CWI Certified.
- » DOT Certified.



Employment Options:

- » CNC engineers
- » CNC machinists
- » CNC programmers
- » Fabrication welder
- » Industrial welder
- » Machine setters & operators
- » Machinist
- » Mold maker
- » Parts analyst
- » Pipe welder
- » Steel construction
- » Structural welder
- » Tool & die maker
- » Welder

There are typically more jobs than available graduates in these fields.

COST & AFFORDABILITY

Free Tuition +

Tuition-Free ASC

An amazing 77% of newly enrolled Alfred State students from New York are eligible for all SUNY tuition costs to be paid by federal or state funds thanks to Pell, TAP, and Excelsior. *US News* ranks ASC the **#2 SUNY on Social Mobility** for assisting low-income families and first-generation students whose parents did not gain a degree.

**Fall 2022 FAFSA data for ASC students who are first-time, full-time, and in-state.*

Plus Scholarships

We also want to award you for your achievements. When you apply to Alfred State, **you're eligible for up to \$20,000 in merit-based awards** over four years. With our support, your lower cost for tuition, fees, food, and housing may suddenly make that degree a reality.

TOP
Ranked
& GREAT
VALUE

DEBT-FREE? YES, PLEASE!

**Build Your Future with
Less Worry About the Budget**

**Apply Today and See Your Free
ASC Financial Aid Plan**

SUNY.edu or CommonApp.org

AlfredState.edu/apply

AlfredState.edu/financial-aid

Choose Free Tuition Plus ▶



92% Get Aid

*\$39 million in
financial aid available.*

*\$4.2 million in
merit-based scholarships.*

Tuition ▶

AlfredState.edu/tuition



NEW YORK STATE STUDENTS



Tuition	Mandatory Fees	Meal Plan*	Housing**	TOTAL
\$7,070	\$1,792	\$5,800	\$8,380	\$23,042

**TUITION IS ONLY
\$7,070
FROM ANY STATE!**

FREEWAY SCHOLARSHIPS are your road map to find the best college for you and your budget. All new residential out-of-state students can benefit from this scholarship for up to four years of study by maintaining full-time status and good academic standing. The scholarship amount is adjusted each fall so that the net cost to students equals the low New York State tuition rate.

OUT-OF-STATE RESIDENTIAL STUDENTS

	Tuition	Mandatory Fees	Meal Plan*	Housing**	TOTAL
ASSOCIATE	\$11,660 \$7,070	\$1,792	\$5,800	\$8,380	\$27,632 \$23,042
BACHELOR	\$17,490 \$7,070	\$1,792	\$5,800	\$8,380	\$33,462 \$23,042



Cost information as of July 11, 2023. Tuition and fee rates are subject to change. *Based on 14-meal plan; other meal plan options are available, search "dining meal plans" at AlfredState.edu for more information. **Based on double occupancy; search "housing costs" at AlfredState.edu for residence hall options. Students with 12 or more credits are charged full-time tuition rate based on residency. Certain non-residents, including veterans, may be eligible for the NY resident tuition rate; see if you qualify at AlfredState.edu/financial-aid/resident-tuition-policy.



NEXT STEP: Bachelor Degree

Graduates of the School of Applied Technology can seamlessly continue their education **online or on campus** in Alfred State's technology management BBA major. Students in construction-related programs can also continue their education in the construction supervision BTech major.

Students transferring from an AOS program into technology management or construction supervision must have completed a minimum of 15 general education credits in order to complete the degree in two years. These can be taken with courses for the AOS degree or during a preparatory semester.



**Thad Grierson, Building Trades/
Construction Management
Men's Soccer Team,
Hometown: Perry, NY**

"The experiences you will get here, the work you will do, and the reputation our school has for graduation will put you in a better spot when you are looking for a job."

Academics

- 80+ Majors
- 33 bachelor's degrees (4 years)
- 48 associate degrees (2 years)
- 12 online programs
- 3 certificates
- Fully accredited by Middle States Association of Colleges and Schools

Population

- 3,400+ enrolled students
- 16:1 students to faculty

Activities

- 3 fitness centers/cardio studios
- 4,500 sq. ft. athletic strength & conditioning center
- 9 dining options
- 90+ clubs and organizations
- 70,000 hours/yr. of civic service
- Baseball, softball, and rec. sports fields
- E-sports, PC, and console gaming arena
- Indoor climbing wall and swimming pool
- Multi-purpose outdoor courts
- Pioneer Stadium & Orvis Gym
- Student leadership & cultural centers

Campus

- 2 locations: Alfred & Wellsville
- 200+ labs & hands-on options
- 200 acres of trails & woodlands
- 800-acre working farm
- 14 residence halls
- 180 students in 31 apartments

School Spirit

- Colors: Blue and Gold
- Mascot: Big Blue the Ox
- Motto: Hit the ground *running*®...
- Nickname: Pioneers

CAMPUS SAFETY STATISTICS: The complete Annual Security and Fire Safety Report is available online from University Police at Alfred State. The US Office of Postsecondary Education also maintains a database for campus crime and safety statistics from all schools. **University Police: 607-587-3999** OPE.ed.gov/CampusSafety AlfredState.edu/UP-annual-security-report

Join the Pioneer Family

We make it easy to become a Pioneer. Alfred State admissions counselors are eager to answer questions at any time and show you around when you visit. Whether making plans after high school, transferring colleges, or changing careers, ASC is a top choice so give us a call or email.

800-425-3733 • Admissions@AlfredState.edu

Ready to Apply?

Apply Now ▶

SUNY.edu or CommonApp.org
AlfredState.edu/apply



We accept students on a first-come, first-served basis for most majors.

A holistic review of applications includes:

- High school GPA and rank
- Official school transcripts
- A personal essay
- Any grades from college coursework
- Extracurricular activities
- Letters of recommendation
- Performance in required subjects
- Program requirement needs
- Work experience
- Standardized test scores*

*ASC is test optional.

Student Success

Our Student Success Center provides academic advising, study tips, tutoring, and supplemental instruction when you want help. Through Starfish, students receive a cheer when they succeed or an urgent notice when action is needed. This keeps faculty and students communicating to make progress together.

Health and Wellness Services is here for both medical and mental health support with on-campus counseling and telehealth options.

Primary ASC Student Services:

- 24/7 Campus Safety, University Police
- Accessibility Services, ADA
- ACES Alfred for Dining, Retail, Transportation
- Alfred State Opportunity Program (ASOP)
- Educational Opportunity Program, SUNY (EOP)
- Health & Wellness, Counseling Services
- Residential Life
- Student Records & Financial Services
- Student Success Center, Advising, Tutoring
- Technical Services Help Desk



NON-DISCRIMINATION NOTICE

Alfred State College hereby advises students, parents, employees, and the general public that it offers employment and educational opportunities, including career and technical educational opportunities, without regard to sex, race, color, age, national origin, sexual orientation, gender identity and expression, and disability. Contact either of our compliance officers for inquiries regarding this policy and grievance procedures:

Angela Koskoff
Interim Chief Diversity Officer
KoskofAM@AlfredState.edu
607-587-4026

Antoinette Gress
Interim Title IX Coordinator
GressAM@AlfredState.edu
607-587-4371

ALFRED STATE COLLEGE

OFFICE OF ADMISSIONS

10 Upper College Dr., Alfred, NY 14802

Ready to Visit?

SEEING IS BELIEVING.

There's nothing like taking a campus tour, giving our mascot Big Blue a hoof bump, and talking with current students.

ASC Admissions: 1-800-425-3733

Admissions@AlfredState.edu

AlfredState.edu/virtual-tour

AlfredState.edu/maps

AlfredState.edu/visit



VISIT US ▶

AlfredState.edu/visit



ROAM OUR CAMPUS PIONEER YOUR FUTURE

Open Houses hosted on selected Saturdays and Sundays in October, November, March, and April.

Online pre-registration encouraged.

Weekday visits available Monday - Friday by appointment.

Also open for tours on many school holidays.

AlfredState.edu



1-800-4-ALFRED