

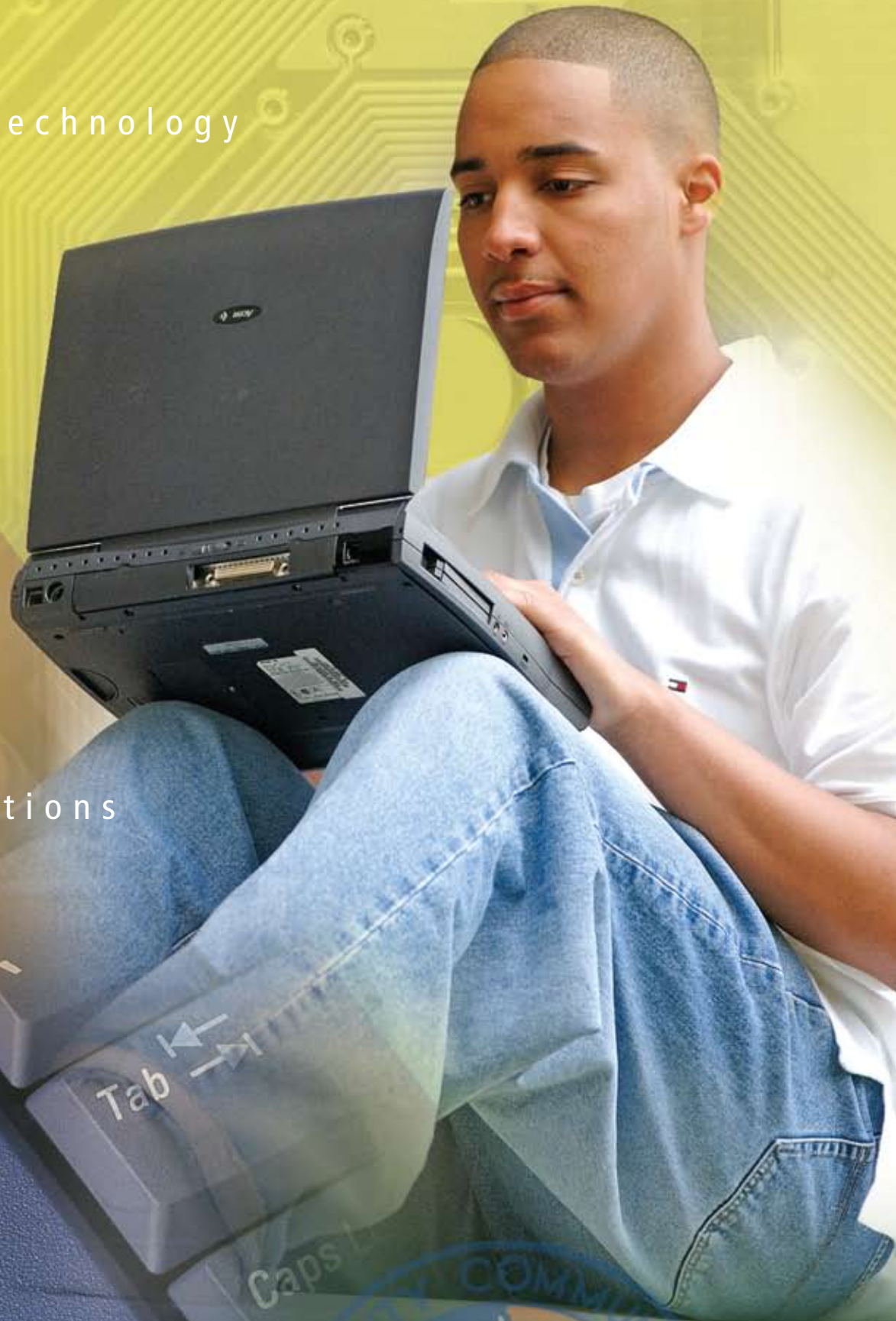
architectural technology

computer
science

engineering
science

internet
networking

telecommunications



SUNY ORANGE

Engineering and Technology



WHY SUNY ORANGE?

Affordability ...

With highly competitive tuition rates, SUNY Orange is an economical choice for your education.

Commitment ...

With state-of-the-art equipment, small classes and acclaimed faculty, coupled with dedicated and caring staff who create an nurturing atmosphere, SUNY Orange is committed to student success.

Convenience ...

With class offerings during the day and at night, along with options for full-time or part-time study, SUNY Orange allows you to pursue your education on your own terms.

Challenging ...

Boasting one of SUNY's most demanding academic programs, SUNY Orange can guarantee you a rigorous academic experience.

Prosperity ...

With a SUNY Orange degree, you can assure yourself a bright future. Graduates who enter the workforce will earn more than \$250,000 over their lifetime than their peers who have only a high school degree. Meanwhile, because of the challenging curriculum here, SUNY Orange graduates who transfer to four-year colleges or universities typically outperform students who began their academic careers at those institutions.

Proximity ...

A campus in Middletown, an extension center in Newburgh and satellite locations at Monroe-Woodbury, Warwick Valley and Port Jervis high schools put SUNY Orange classes right where you need them: close to home.

In the global marketplace, knowledge is your strongest asset. A SUNY Orange engineering and technology degree ...

- is an investment in your future
- creates a foundation for continued academic and professional success
- provides entry into a variety of rewarding occupations

architectural technology

Architecture is everywhere. We spend the majority of our time living and working in buildings, walking or driving from building to building, being entertained in buildings, and even admiring buildings. From historic restoration and renovation to brand new development projects to long-term facilities management, building projects take a great deal of planning and designing. SUNY Orange's combination of lecture and lab format for most courses gives its architectural technology students a foundation upon which to build and hands on learning experiences designed to simulate actual workplace projects.



computer science

Are you adept at mathematics and science? Are you a creative problem-solver? Do you enjoy tackling challenges? If so, SUNY Orange's computer science program might be for you. A degree in computer science can lead to a fascinating career where you can showcase your talent while earning a highly competitive salary. Computer technology continues to evolve and become more integrated into our daily lives. For the foreseeable future, there will be a growing demand for computer scientists in a vast array of fields.

engineering science

Engineering shapes the world we live in, from skyscrapers to bridges to regular household items. If you are skilled in the areas of math and science, you could become a successful engineer, and pursue a career in any of the following engineering specialties: aerospace, bio-medical, chemical, civil, computer, electrical, environmental, geo-technical, mechanical, nuclear or structural. With so many career choices, SUNY Orange is committed to providing a broad engineering foundation that allows students to transfer to a four-year college or university armed with the confidence they will succeed.

computer networking

In today's technological age, nearly every business, professional organization, healthcare institution or government agency maintains some form of computer network, from several linked computers to a vast system that includes servers, routers and other forms of the latest "cutting edge" equipment. Because computer networking is constantly growing and evolving, a SUNY Orange degree will serve as a springboard as you pursue your professional goals and will prepare you to successfully navigate a rapidly changing field. You will learn to design, install and configure networks; manage networking operating systems; troubleshoot computer problems; and solve a wide array of computer and networking issues. Students interested in web site design and maintenance should contact the Applied Technology Department regarding the College's planned Web Development degree program.

telecommunications

Communications and electronics systems are the backbone of most organizations. Would you like to hold a vital role in the success of any business or corporation? If so, you might want to investigate SUNY Orange's telecommunications degree program, which will prepare you for employment in such technical fields as telecommunications, health care, utilities, manufacturing, cable television and many other related electronic occupations. A state-of-the-art telecommunications laboratory immerses students in a hands on environment while internship programs provide the necessary experience that makes SUNY Orange graduates the first choice for many employers.

about SUNY Orange

Orange County Community College has touched the lives of countless numbers of the county's 350,000 residents through its credit programs, non-credit programming and cultural events. As the needs of the community grow, the college will continue to play a significant role in the county's endeavor to face the challenges and to profit from the opportunities that await it.

Orange County Community College was founded in 1950 as the first county-sponsored community college in the State University of New York system.

The College has earned its reputation as a pioneer and innovator in meeting the needs of its students and the area it primarily serves. Orange County Community College was the first two-year college in the nation to offer the associate degree nursing program and studies in electron microscopy; and in 1982, the College was the first community college to plan and co-sponsor with local chambers of commerce a business institute.

Accredited by Middle States Association of Colleges and Schools, academic credits can be earned via full- or part-time study in the day, evening, or both. The College offers three degrees—the Associate in Arts, Associate in Science and Associate in Applied Science. The College also offers extensive technical programs in career fields (with transfer options) and one-year certificates.

Public and private four-year colleges actively seek our graduates for transfer into baccalaureate programs as third-year students. In cooperation with other educational agencies, the College also presents programs for academically gifted high school seniors, for business and professional people, and by special arrangement with nearby universities for graduate students.

More than 420,000 people have enrolled in a wide range of credit and non-credit classes at the Middletown campus, the Newburgh Extension Center and satellite locations across Orange County.

Consistent with its mission to meet the higher education needs of students, the College is noted for its commitment to ensuring student success. With the support of a caring faculty and staff, students have the ability to achieve their academic and career goals. Advising, counseling, and career guidance and exploration are available to all students as well as co-curricular and leadership opportunities that serve to complement the academic experience.

In addition to offering formal instruction to students in both the day and evening, the College engages in a variety of other activities. It sponsors a series of cultural events, lectures and artistic performances for students, staff and faculty, and to which the public is invited.

The Campus

From its original configuration of two buildings—a mansion and carriage house—in 1950, the SUNY Orange campus has grown to its present size of 37 acres that house 14 buildings. The College's beautiful and picturesque grounds are landscaped with trees and flowers indigenous to the region, while many paths and walks bisect the former estate. The mansion, called Morrison Hall in honor of its donors, now houses administrative and faculty offices. A magnificent example of turn-of-the-century craftsmanship, Morrison Hall contains beautiful wood carving, mosaic work, stenciling, ornate marble fireplaces, and a large stained glass window designed by Louis Tiffany. Horton Hall, the former carriage house, now provides instructional space for chemistry and geology.

Expansion over the years has infused the campus with significant additional educational space. Hudson Hall, Harriman Hall and the Bio-Medical Technology buildings contain classrooms, lecture halls, laboratories and faculty offices. The Sarah Wells building houses faculty offices and child care services. Orange Hall features a well-equipped theater as well as rehearsal rooms and performance space. The Library, with its capacity to accommodate 700 patrons, contains over 95,000 print and non-print resources, video-tapes, computer software and compact disc collections.

The newly renamed George F. Shepard Student Center, formerly The College Commons, houses a cafeteria and dining room, the College bookstore and nearly every student support function at the College. The Physical Education Building contains six handball courts, a swimming pool, the main gymnasium (capacity 3,000), human performance lab, three classrooms and an exercise room. Adjacent to the building are soccer and softball fields and tennis courts.

Call or Visit

If you are interested in more detailed information regarding the SUNY Orange Business degree programs, student services, admissions or financial aid, please feel free to call or visit.

Middletown Campus
115 South Street
Middletown, NY 10940
(845) 344-6222 or 1-888-622-2398

Newburgh Extension Center
One Washington Center (Key Bank Building)
Newburgh, NY 12550
(845) 562-2454

Engineering and Technology Departments

Applied Technology..... 341-4523
Math and Computer Science..... 341-4565
Science and Engineering..... 341-4577
Honors Program..... 341-4004

Student Services

Admissions..... 341-4030
Advising and Counseling Center..... 341-4070
Alumni Association..... 341-4751
Assessment..... 341-4070
Bursar..... 341-4837
College Health Center..... 341-4870
Financial Aid/Scholarships..... 341-4190
Career and Internship Services..... 341-4444
Records and Registration..... 341-4140
Disability Services..... 341-4642
Student Activities..... 341-4015
Veterans Affairs..... 341-4071

Other Campus Resources

Bookstore..... 341-4815
Box Office..... 341-4789
Campus Security..... 341-4710
Continuing and Professional Ed. 341-4770
Community Services..... 341-4890
English as a Second Language (ESL). 341-4593
Kindercollege..... 341-4165
Library..... 341-4855
Tutorial Center..... 341-4171
Weekend Public Recreation..... 341-4885
(Friday evening, Saturday and Sunday)

All numbers are in the (845) area code

Adaptability ...

... is an essential principle in today's technology-driven climate and a fundamental approach to learning at SUNY Orange.

Internships

Real-world experience is available to students during the semester to maximize learning potential and put principals discussed in class "to work" right away.

Community Partnerships

SUNY Orange works within the community to assure the success of our students. Thanks to partnerships with a variety of local businesses, the College is able to provide "hands on" training through internships and other unique educational opportunities. Additionally, local businesses offer their support to guarantee SUNY Orange is outfitted with the latest technology, particularly in those critical on-campus laboratories where students merge classroom learning with practical application of theories and processes.

Distance Education

To give students the convenience and flexibility to study from home, work or anywhere, SUNY Orange offers a variety of online courses to supplement your on-campus educational experience. Because your time is valuable, and you may have additional demands outside of the classroom, SUNY Orange is committed to helping you continue your education by working around your hectic schedule.

Web-Enhanced Courses

The best of both worlds: classroom time augmented with online presentations and communications.

Accreditation

SUNY Orange is accredited by the Middle States Commission on Higher Education.

**Quality is a
standard we take
seriously**

"During the course of my studies at SUNY Orange, I obtained an education that far exceeded my expectations. The professors were always available before or after classes for any questions I had, and a major contributor to my career was the internship that was provided by the College. The combination of my degree in Electrical Engineering Technology and my internship greatly attributed to me being hired in the bio-medical field before I had even graduated."

Daniel A. Cosh

students get involved



Through a wide array of clubs, projects and internships, SUNY Orange graduates develop a strong base of shared experiences that prepare them for their future. Clubs provide an outlet for students to achieve excellence outside of the classroom. The **Engineering Club** utilizes trips and other outings to demonstrate how engineering works in real-life applications, from touring covered bridges to testing the physics of amusement park rides. The **Architectural Club** enjoys off-campus visits to local sites and museums while students in the club organize study groups, portfolio

preparation sessions and guest speakers during the academic year. Through the **Computer Club**, students discuss hardware, software and operating systems while sponsoring presentations from College faculty and local community experts. Both the **Electronics Club** and the **Math and Computing Club** offer similar opportunities for students to learn in a communal environment while also providing trips that demonstrate the practical application of the classroom theories students are studying. In addition to supplementing the students' educational pursuits, SUNY Orange's clubs have a long-standing tradition of community involvement as well, from adopting families in need during the holidays to assisting local organizations in any number of goodwill projects.

your present

Scholarships are available for incoming, returning and graduating students at SUNY Orange. Below is a sampling of scholarships set aside for engineering and technology students:

Minden Architectural

Orange/Sullivan Professional Engineers

William O. Bell

CEA Jerome K. Bell Memorial

For more information, please visit
www.sunyorange.edu/scholarships

your future

Through articulation agreements with four-year colleges and universities, SUNY Orange has created transfer opportunities for those students wishing to pursue an advanced degree. Below are some of the schools to which SUNY Orange graduates have transferred:

- Marist College
- Mount St. Mary College
- New York Institute of Technology
- Rensselaer Polytechnic Institute
- Rochester Institute of Technology
- Stevens Institute

are you ready for a challenge?

SUNY Orange is renowned for providing one of the most rigorous academic challenges of any community college within the State University of New York system. But the College also offers a highly touted Honors Program for those students who crave a more demanding college experience. Honors courses at SUNY Orange offer enrichment through alternative texts, outside readings, research projects and abstract concept development beyond the traditional course curriculum. Additionally, students complete three Honors seminars, a service course and a capstone project. The Honors Program is open to both full- and part-time degree-seeking students. For more information, call the Admissions Office or Honors Program coordinator.