Welcome to the Union County Vocational Technical School District!

You can get there from here...
### Union County Vocational-Technical Schools

**1776 Raritan Road**  
**Scotch Plains, NJ 07076**  
**Four-Year, Full-Time High Schools**

<table>
<thead>
<tr>
<th>School</th>
<th>Year Est.</th>
<th>Specialization</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC MHS</td>
<td>1997</td>
<td>Engineering</td>
<td>292</td>
</tr>
<tr>
<td>UC AIT</td>
<td>2002</td>
<td>Information Technology &amp; Business</td>
<td>263</td>
</tr>
<tr>
<td>UCTECH</td>
<td>2002</td>
<td>Vocational Technical Programs &amp; Specialized Career Academies</td>
<td>309</td>
</tr>
<tr>
<td>UC AAHS</td>
<td>2005</td>
<td>Allied Health Sciences</td>
<td>264</td>
</tr>
<tr>
<td>UC APA</td>
<td>2008</td>
<td>Theatre and Dance</td>
<td>200</td>
</tr>
</tbody>
</table>
Newsweek has compiled and released the 2013 list of the top high schools in America. Over 2,500 high schools across the country were assessed to produce the final list of the top 2,000 high schools. Respondents were ranked from statistics from the 2011-2012 school year. The final reviews included the following criteria: graduation rate (25 percent), college acceptance rate (25 percent), AP/IB/AICE tests taken per student (25 percent), average SAT/ACT scores (10 percent), average AP/IB/AICE scores (10 percent), and percent of students enrolled in at least one AP/IB/AICE course (5 percent).

Forty-one of the top 500 U.S. high schools recognized are from New Jersey with three of the Union County Vocational-Technical School District high schools being recognized in that grouping. The Union County Magnet High School was ranked #65 nationally, #15 in the Northeast and #5 in New Jersey. The Academy for Allied Health Sciences was ranked #202 nationally and #14 in New Jersey and the Academy for Information Technology was ranked #468 nationally and #39 in New Jersey. The Academy for Performing Arts made the list for the first time ranked at #962 nationally.
US News Recognizes District’s High Schools

US News and World Report has released the fourth edition of the BEST HIGH SCHOOL rankings, available exclusively online. "The rankings include data on nearly 22,000 public high schools from 49 states and the District of Columbia".

US News awards 500 gold medals nationwide with 28 going to New Jersey. Gold medal designation was awarded to the Academy for Allied Health Sciences (ranked 4th overall in NJ), the Magnet High School (ranked 13th in NJ) and the Academy for Information Technology (ranked 27th in NJ). UC Tech was awarded a bronze medal -- making it one of the 82 schools (of 389) in New Jersey that received medal status. It was UC Tech’s first recognition by US News.

The US News report can be found at usnews.com/best-high-schools.
Union County Vocational-Technical School District

UCTECH High School Receives National Blue Ribbon Designation

Union County Vocational-Technical High School has been named a 2012 Blue Ribbon School by the U.S. Department of Education. The Blue Ribbon School designation is one of the highest honors a school can receive in the American education system. The National Blue Ribbon Schools Program recognizes public and non-public elementary, middle and high schools where students consistently achieve at very high levels or where student performance has improved significantly.

This year 269 schools were recognized nationally by Secretary of Education Arne Duncan. State departments of education nominate schools for the prestigious awards annually. UC Tech High School offers two-year shared-time programs along with full-time four-year programs to approximately 1,000 students from throughout Union County. In 2011-2012, full-time UC Tech students scored 100% proficient or advanced proficient in both sections of the New Jersey High School Proficiency Assessment.
Intensive study within your school’s specialization utilizing interdisciplinary teaching, cooperative learning and authentic assessment in a block scheduling format.

Curriculum focus will be on Problem Solving and Critical Thinking.
## Career Academy Graduation Requirements

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specialization</td>
<td>4 years</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 years</td>
</tr>
<tr>
<td>Science</td>
<td>4 years</td>
</tr>
<tr>
<td>Language Arts</td>
<td>4 years</td>
</tr>
<tr>
<td>Fitness/Health</td>
<td>4 years</td>
</tr>
<tr>
<td>World Language</td>
<td>3 years</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 years</td>
</tr>
<tr>
<td>Visual &amp; Performing Arts</td>
<td>1 year</td>
</tr>
<tr>
<td>Financial, economics, business and entrepreneurial literary</td>
<td>One-half year</td>
</tr>
<tr>
<td>Technology Literacy</td>
<td>Integrated throughout</td>
</tr>
</tbody>
</table>
Science

Level I – Biology
  Foundations of Science
  Scientific Data Analysis

Level II – Chemistry

Level III – Physics

Level IV – Advanced Placement / Science Electives
  appropriate to your Specialization
Mathematics

Level I – Combined Algebra
Level II – Geometry / Trigonometry
Level III – Math Analysis
Level IV – AP Calculus I/AB
Humanities

**Level I** – World Literature / World History

**Level II** – Early American Literature / U.S. History I

**Level III** – Modern American Literature / U.S. History II

**Level IV** – British Literature / Social Studies Elective / AP Electives
World Languages
Fitness/Health
Levels I - IV
MHS Eng/Arch Offerings

**Level I – 9th Grade**
- Technology and Design

**Level II – 10th Grade**
- Introduction to Engineering and Digital Modeling
- Autodesk Certified User
MHS Eng/Arch Offerings

**Level III – 11th Grade**
- Introduction to Programming
- Advanced Manufacturing and Project Management

**Level IV – 12th Grade**
- Introduction to Architecture
- Architectural CAD Design
MHS Senior Internships

Level IV – First Semester Architecture Class
PLUS Second Semester Internship

1/2 year, 1/2 day

- Architecture
- Interior Design
- Civil Engineering
- Scientific Research
  - Princeton U.
  - Rutgers U.
- Geo/Science Engineering
- Veterinarian Science
- Naval Engineering
- Local Hospitals
ACADEMY FOR INFORMATION TECHNOLOGY
COURSE OFFERINGS

Grade 9

Computer Applications in Business
*MOS certification*

Grade 10

Intro to Information Systems
*A+ certification*

Business Concepts & Practices
COURSE OFFERINGS

Grade 11

Database Management I
Java Programming I

Grade 12

Database Management II
Oracle Certification
Java Programming II
Oracle Java Certification

Business/IT Electives
Elective Offerings

Adobe Flash/ Web Design
Data Integrity (Security)

Accounting
AP Economics (Micro/Macro)
Business Communications
Project Management
Marketing
Senior Internship
Union County
Academy for
Allied Health Sciences
GRADE 9

- Dynamics of Health Care in Society (UMDNJ) (3 Credits)

GRADE 10

- Fundamentals of Health and Wellness (UMDNJ) (3 Credits)
- Community Health
- Medical Terminology (UMDNJ) (3 credits)
- Emergency and Clinical Care (UMDNJ) (2 credits)
GRADE 11
Anatomy and Physiology I (UMDNJ) (4 Credits)

GRADE 12
• Anatomy and Physiology II (UMDNJ) (4 credits)
• Medical Mathematics (UMDNJ) (3 credits)
• Scientific Principles of Nutrition (UMDNJ) (3 credits)
GRADE 9
Life Skills

GRADE 10
CPR Certification for the Professional Rescuer
First Aid

GRADE 11
Rapid EKG Interpretation

GRADE 12
Emergency Medical Technician (New Jersey EMT-B)
Basic Life Support (BLS) American Heart Association
Academics
Performing
Arts
Safe/Nurturing
Environment
<table>
<thead>
<tr>
<th>Credit</th>
<th>Year 1: High School</th>
<th>Year 2: High School</th>
<th>Year 3: High School</th>
<th>U2K Year (YOU/UNION to Kean)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Union County Academy for Performing Arts</td>
<td>Union County Academy for Performing Arts</td>
<td>Union County Academy for Performing Arts</td>
<td>Kean University / Union County Academy for Performing Arts</td>
</tr>
</tbody>
</table>

**PERFORMING ARTS MAJOR**  
- **Dance I or Theatre I**  
- **Dance II or Theatre II**  
- **Dance III or Theatre III**

**SOCIAL STUDIES**  
- World History  
- U.S. History I  
- U.S. History II

**WORLD LANGUAGE**  
- Spanish I - III (initial placement determined by placement exam)  
- Spanish II - IV  
- Spanish III - IV / AP Spanish

**ENGLISH**  
- English I  
- English II  
- English III

**MATH**  
- Combined Algebra (initial placement determined by placement exam)  
- Geo / Trig  
- Math Analysis / AP Statistics / AP Calculus

**HEALTH & PHYS. ED.**  
- Health I  
- Health II  
- Health III  
- Fitness I  
- Fitness II  
- Fitness III

**LAB SCIENCE**  
- Biology  
- Chemistry  
- Physics

**GENERAL ELECTIVE**  
- -  
- -  
- -

**Kean University**  
Required Courses Listed  
ALL MAJORS: Transition to Kean (Orientation) - Summer prior to U2K Year (1 Cr.)

<table>
<thead>
<tr>
<th>Theatre</th>
<th>Dance</th>
</tr>
</thead>
</table>
| Semester 1:  
| 8 Credits  
| THE 1150 Advanced Sans Study (2)  
| THE 1160 Performance Studio (1)  
| ID 3331 Public Performance (1)  
| Semester 2:  
| 8 Credits  
| DANC 2110 Technique & Theory of Ballet (3)  
| DANC 2120 Technique & Theory of Modern (1)  
| DANC 2130 Dance Styles I (1) |
| Semester 1:  
| 8 Credits  
| DANC 2110 Advanced Ballet (1)  
| DANC 3120 Advanced Modern (1)  
| DANC 2130 Tech & Theory of Jazz (3)  
| DANC 2110 Dance Styles II (1) |

**Semester 1:**  
- ENG 1030 - English Composition (3)  
- GE 2025 - Research and Tech (3)

**Semester 2:**  
Please choose from Kean Bulletin (3)  
Please note: Highly Selective NJ Center for Science, Technology, Engineering, and Mathematics (STEM) option available  
Physical Education Elective (1)  
Theatre Arts Majors only  
First Aid/Accident Prevention (3)  
All Math Electives have prerequisites

**Semester 3:**  
Please choose from Kean Bulletin (3)  
Please note: Highly Selective NJ Center for Science, Technology, Engineering, and Mathematics (STEM) option available  
All Science Electives have prerequisites

Please choose from Kean Bulletin (3)
Named 2012 Blue Ribbon School
## Career and Technical Concentrations

<table>
<thead>
<tr>
<th>Area</th>
<th>Programs</th>
</tr>
</thead>
</table>
| Transportation                      | Automotive Technology  
                                      ASE Certified Program |
| Information Technology              | Information Technology                                                  |
| Arts, Technology & Communication    | Commercial Art  
                                      *UCTECH School of Design |
| Architecture & Construction         | Green Construction Technology  
                                      *In Partnership with Habitat for Humanity  
                                      Electrical Technology |
| Personal Services                   | Cosmetology  
                                      Child Development  
                                      Criminal Justice |
| Hospitality & Tourism               | Culinary Arts                                                           |
| Education & Training                | *UCTECH Education Academy                                               |
| Health Science                      | Allied Health  
                                      *UCTECH School of Exercise Physiology  
                                      and Related Sciences  
                                      *UCTECH Sustainable Science Academy |
ExPRS provides students with an understanding of how the body functions, reacts and responds to movement during physical exercise and is designed to prepare students for the many opportunities in the growing fields of health and exercise, specifically in jobs related to physical therapy, occupational therapy, exercise science, athletic training, sports medicine, cardiac rehabilitation and nutrition. Students who enroll in this career academy will obtain a solid foundation in the medical sciences while completing a curriculum that is rigorous, offering students the opportunity to earn up to 19 college credits through the University of Medicine and Dentistry.

UMDNJ College Credits
• Dynamics of Health Care
• Fundamentals of Health and Wellness
• Anatomy and Physiology I and II
• Scientific Principals of Nutrition
• Emergency and Clinical Care
The School of Design will encourage each student to develop his or her creative potential, with an emphasis on personal expression, to explore various problem-solving approaches, to use innovative creative models, and to develop a substantive body of work culminating with an original portfolio.

Students will study:
• Interior Design
• Visual Design
• Digital Media Design
• Architectural Design
• Industrial Design

Students can earn:
• Maximum of 30 College Credits at Kean University
• Admission Opportunity into the Robert Busch School of Design
The UCTECH Teacher Education Academy is designed to train future educators. Students will have the opportunity to assess themselves as learners and will maintain a digital portfolio where they will reflect on what they have learned and discovered about the teaching profession and themselves as learners and future educators. Career exploration will include opportunities for students to intern, learn about the diversity of teaching and the roles and responsibilities of a school and its staff. Students will participate in UCTECH High School classes for three years and then spend their senior year on the Kean University campus as a concurrent high school senior/college freshman.
UCTECH Sustainable Sciences Academy

The School of Sustainable Sciences is a new academy that will put into practice project and problem-based learning, solving real world problems with sustainable solutions. Students will take a series of math and science related courses that will provide a solid foundation for them to pursue degrees and careers in sustainability. Students will explore careers in sustainable design, energy and technology. Topics related to the economics of sustainability and applications of sustainable sciences in the 21st Century will be covered. It is anticipated that students will attend Kean University during their senior year and enroll in courses in Kean’s Center for Sustainability Studies.
Admission to each high school is competitive. Evaluated criteria will be as follows:

- Grade Point Average grade 7
- Grade Point Average grade 8 (MP1)
- Analysis of standardized test scores (grade 7)
- Admissions testing (1/25/14) in the areas of: mathematics, reading comprehension, and writing skills.
Component 2 for Performing Arts Applicants only:

Academically qualified candidates will audition for one or more of the following career technical paths:

Dance

Theatre Arts
Welcome to the Union County Vocational-Technical School District
Online Application
http://reg2.phoenixlearning.com

Union County Vocational-Technical School District (UCVTS) Admissions Process

Part 1
You must attend an information session (you cannot apply if you have not yet attended an information session). You can register for an information session here: http://www.ucvts.tec.nj.us/Page/373. The last information session is scheduled for December 7, 2013.

At the information session you will receive a key to begin the online application process. Click "Sign Up Here" below and create a username and password to start the process. **Please be advised that the online application key can only be used for one applicant.

Please also note that before you submit your application you have the ability to go back and modify all of the data (even if you continue the application on another day). However, once you hit the submit button, your completed application is final and you will receive email confirmation.

Part 2
Final 7th grade transcript, first marking period 8th grade report, and 7th grade standardized test score report must be submitted directly to the admissions office by a school official by December 13th at 3:00 pm. You will be notified electronically when we receive and record these documents. Once you receive a key and register online, be sure to download a student records release form and bring it to your child’s school so that school records will be sent directly to the UCVTS admissions office.

Part 3
Students must sit for the admissions examination on January 25, 2014. Academy for Performing Arts students only: Auditions for all academically qualified students will take place on February 22nd. Notification of acceptance will occur on or about April 1, 2014.

More admissions information can be found here: http://www.ucvts.tec.nj.us/Page/373.

Please email ftradmissions@ucvts.tec.nj.us if you have any comments, questions and / or concerns.

After clicking “Sign Up Here”, use the following key to start the application process:

New Users: [(sign up here link)]
Returning User ID: __________________________
Password: __________________________
Login

Forgot Password? Click Here
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Registration Key:</td>
<td>(Required to create a new user account)</td>
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<td>Create User ID:</td>
<td>(minimum 4 characters)</td>
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<tr>
<td>Create Password:</td>
<td>(minimum 4 characters)</td>
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<tr>
<td>Confirm Password:</td>
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<tr>
<td>First Name:</td>
<td></td>
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<tr>
<td>Last Name:</td>
<td></td>
</tr>
<tr>
<td>Email:</td>
<td></td>
</tr>
</tbody>
</table>
Prospective 9th graders should submit an application beginning in September of their 8th grade year.

Application Deadline: December 13, 2013

Admission will be offered to qualified Applicants in early April.

All Union County sending districts will be guaranteed space for at least 2 qualified applicants to each school.

A point system is used to determined qualification.
## Freshman Profile 2013

<table>
<thead>
<tr>
<th>Standardized Tests</th>
<th>Grade Point Average</th>
<th>Sending Districts</th>
<th>Student Body</th>
</tr>
</thead>
<tbody>
<tr>
<td>85-89th percentile</td>
<td>B+ / A-</td>
<td>Public: 84%</td>
<td>Male: 44%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Private: 16%</td>
<td>Female: 56%</td>
</tr>
</tbody>
</table>
# UCVTS

## HSPA Profile

<table>
<thead>
<tr>
<th>School</th>
<th>Language Arts:</th>
<th>Math:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHS HSPA (2013)</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>AIT HSPA (2013)</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>UCTECH HSPA (2013)</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>AAHS HSPA (2013)</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>APA HSPA (2013)</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>
COLLEGE ACCEPTANCES

Albright College
American University
American Musical & Drama Academy
Arcadia University
Barnard College
Berklee College of Music
Boston College
Boston University
Brandeis University
Brown University
Bryn Mawr College
Bucknell University
Cabrini College
California Institute of Technology
Carnegie Mellon University
Case Western Reserve University
Cedar Crest College
Centenary College
Central Connecticut State University
Central School of Speech and Drama, UK
Coastal Carolina University
Colby College
College of the Holy Cross
The College of New Jersey
The College of William and Mary
Columbia University
The Cooper Union
Cornell University
CUNY – Macaulay Honors College
Dartmouth College
Drew University
Drexel University
Eckerd College
Elon University
Emerson College
Fairfield University
Fairleigh Dickinson University
Fashion Institute of Technology
Felician College
COLLEGE ACCEPTANCES

Florida International University
Florida Institute of Technology
Florida State University
Fordham University
Franklin Pierce University
George Mason University
Georgetown University
George Washington University
Georgia Institute of Technology
Harvard University
Haverford College
Hofstra University
Howard University
Indiana University
Indiana University of Pennsylvania
Ithaca College
James Madison University
Johns Hopkins University
Kean University
Lafayette College
LaSalle University
Lehigh University
LIM College
Long Island University
Loyola University
Lynchburg College
Massachusetts Institute of Technology
Manhattan College
Marist College
Monmouth University
Montclair University
Moravian University
Mount Holyoke College
Mount Holyoke College
Muhlenberg College
NJIT
NYU
NYIT
<table>
<thead>
<tr>
<th>Northeastern University</th>
<th>St. John’s University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ohio-Wesleyan University</td>
<td>St. Joseph’s University</td>
</tr>
<tr>
<td>Parsons The New School for Design</td>
<td>St. Michael’s College</td>
</tr>
<tr>
<td>Penn State University</td>
<td>St. Peter’s College</td>
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<tr>
<td>Point Park University</td>
<td>Salve Regina University</td>
</tr>
<tr>
<td>Polytechnic Institute of NYU</td>
<td>Savannah College of Art &amp; Design</td>
</tr>
<tr>
<td>Pratt Institute</td>
<td>School of Visual Arts</td>
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<tr>
<td>Princeton University</td>
<td>Seton Hall University</td>
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<tr>
<td>Providence College</td>
<td>Shenandoah University</td>
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<td>Purdue University</td>
<td>Skidmore College</td>
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<td>Rensselaer Polytechnic Institute</td>
<td>Smith College</td>
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<tr>
<td>Richard Stockton College of NJ</td>
<td>Stanford University</td>
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<tr>
<td>Rochester Institute of Technology</td>
<td>Stevens Institute of Technology</td>
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<tr>
<td>Roger Williams University</td>
<td>The State University of New York</td>
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<tr>
<td>Rose Hulman Institute of Technology</td>
<td>Swarthmore College</td>
</tr>
<tr>
<td>The Royal Academy of Dramatic Art, UK</td>
<td>Syracuse University</td>
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<tr>
<td>Ramapo College</td>
<td>Temple University</td>
</tr>
<tr>
<td>Rider University</td>
<td>Texas Christian University</td>
</tr>
<tr>
<td>Rowan University</td>
<td>Towson University</td>
</tr>
<tr>
<td>Rutgers University</td>
<td></td>
</tr>
</tbody>
</table>
COLLEGE ACCEPTANCES

Tufts University
Tulane University
Union College
United States Military Academy
United States Naval Academy
University of Binghamton
University of California
University of Charleston
University of Connecticut
University of Delaware
University of Hartford
University of Illinois
University of Indiana
University of Maryland
University of Massachusetts
University of Miami
University of Michigan
University of Indiana
University of Minnesota
University of New Hampshire
University of New Haven
University of Pennsylvania
University of Pittsburgh
University of Rhode Island
University of Richmond
University of Rochester
University of the Sciences
University of Scranton
University of South Florida
University of Southern California
University of Tampa
University of Tennessee
University of Texas
University of Vermont
University of Western New England
Vassar College
Villanova University
Virginia Polytechnic Institute
Virginia State University
Washington & Jefferson College
Washington & Lee College
Wellesley College
Wentworth Institute of Technology
Wesleyan Institute of Technology
Wesley College
Westminster Choir College
Widener University
Williams College
Worcester Polytechnic Institute
Yale University
Thank You for Your Interest in UCVTS