



YONKERS PUBLIC SCHOOLS

HIGH SCHOOL LISTINGS

General Information / Program Descriptions

January 2021

Secondary Schools • Grades 7-12

The following pages will inform you about our secondary schools. Each school description includes:

School Theme - details about the instructional program.

The Partners - partnerships or affiliations with outside organizations, colleges or universities whose collaborations enrich the learning experiences of our students.

Grade 7 and 8 Middle Years Program

General Information

Our middle years programs, whether housed in a grade Prekindergarten - 8 school or 7 - 12 school, prepare students for success in facing the unique intellectual, emotional, physical and social changes children characteristically experience during this time in their lives. The District's goal is to prepare middle years students for the challenges of high school.

To best support them, teachers use a variety of instructional strategies and approaches that address the special needs of each individual student within a safe and nurturing school environment.

The following elements are key to the middle years program.

Smaller Learning Communities

Teachers and administrators use research-based instructional approaches to strengthen the teaching and learning environment. Students are assigned to an interdisciplinary team of teachers, which includes English, social studies, mathematics, science and art or music. Each school has a specialized focus on literacy. Interdisciplinary teaching units connect student skills across content areas - mathematics, science and technology or English language arts, social studies and the arts. Personalization is the key to developing a strong bond between the students and the school.

Support Staff

The support staff consists of guidance counselors, social workers, psychologists and nurses.

Teaching Methods

Teachers use methods that take into account the developmental needs of students, such as involving students in their own learning, flexible groupings, matching strategies to students' varied learning styles, interdisciplinary approaches and integrated ideas, and using cooperative learning and peer tutoring to develop social and interpersonal skills.

Each of our programs provide:

- Flexible student scheduling that provides the opportunity for extended instructional time
- Common time for teachers to meet with students and parents or develop interdisciplinary units of instruction

High Schools

General Information

Each Yonkers' high schools provides a comprehensive academic program structured within Smaller Learning Communities that feature an interdisciplinary, team-teaching approach to instruction with an emphasis on personalizing the learning environment for students and families.

All high school students enroll in the courses required by the New York State Board of Regents and the Yonkers Board of Education for a high school diploma. In addition, all high school students are required to take Regents level courses. Beyond these required courses, all schools offer a range of extracurricular activities.

Each high school provides:

- Exciting theme/career programs which provide students with an opportunity to gain in-depth knowledge of subjects that truly interest and motivate them
- Century Honors, Advanced Placement (AP) or International Baccalaureate (IB), college-link courses and Tech Prep courses for students who want to pursue post-secondary education

Support Staff

The support staff consists of counselors, social workers, psychologists and nurses. Guidance counselors help students plan for college entrance and career assistance.

School Safety: Yonkers Public Schools trained Safety Officers are assigned to each high school to assist in maintaining a safe learning environment.

Secondary Schools • Grades 7-12

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Yonkers Montessori Academy

Grades Pre-K – 12

160 Woodlawn Avenue • Yonkers, NY 10704 (914) 376-8540

- Montessori Program
- School uniforms are required for all students
- Academic Admission Requirements-Interview for Non-Montessori Students
- 7:35 AM to 2:15 PM



yma.ypschoools.org

School Theme

Montessori Program Grades Prekindergarten-6

- Vibrant, child-centered environment taught by Montessori certified teachers and full time assisting adults
- Montessori instructional materials allow children to learn at their own pace through discovery activities
- Students are grouped in multi-age classes which support a non-competitive, cooperative learning atmosphere
- Multiage groups include PreK and K; 1, 2 and 3; and 4, 5 and 6
- A solid academic foundation is provided in a stimulating environment
- The child-centered learning environment fosters a strong sense of community and commitment for students, parents and staff
- Children entering the school after prekindergarten must be previously enrolled in a certified Montessori program.

Montessori Program Grades 7-8

- One of the few public secondary school Montessori programs in the United States
- Nurturing environment respects the individuality of each student while challenging them to become self directed, independent learners
- Community building activities and community service projects support the development of effective and responsible interpersonal and social skills
- Multi-sensory, interdisciplinary approach to instruction provides opportunities for individual, group work, daily and long term assignments, peer teaching and self reflection
- Multiage Humanities (English/Social Studies) classes in seventh and eighth grade allow for individual pacing of instruction when possible and appropriate
- Seventh and eighth grade students, grouped in teams remain with their teachers for at least two years
- World language program offering foreign language instruction in Spanish and Italian
- Students attending the Montessori Schools 27 and 31 receive priority placement

Montessori High School Program – Grades 9-12

- Classrooms are organized into multi-level learning communities
- Students, parents, and teachers work together in their shared commitment to education
- Students commit to community involvement, hard work, respect for others and understanding the value of peace
- Students participate in service learning and must complete 80 hours of community service over 4 years
- College and Career Readiness embedded into daily curriculum
- Spring Intersession courses are in-depth studies in a particular topic or field of interest
- Through reading and discussion, students explore the Montessori emphasis on the nobility of work and dignity of human beings
- Classes connect to the world helping students understand personal and global interdependence
- Field Studies take students on trips to conduct first-hand research
- Learning projects help use the resource of the community to gather data and think critically

The Partners

This school works closely with:

- American Montessori Society
- ArtsWestchester
- JCY-Westchester Community Partners - S.M.A.R.T. Program
- SUNY Farmingdale
- Westchester Community College
- Montessori Model United Nations
- Sarah Lawrence College
- Smiley Faces
- Friends of Van Cortlandt Park

Charles E. Gorton High School

Academy of Medical and Health Professions

Grades 9-12

100 Shonnard Place • Yonkers, NY 10703 • (914) 376-8350

School Theme

Health Science Career Cluster

- The school is divided into the Clinical Healthcare and Supportive Healthcare communities
- The Clinical Healthcare community houses the Diagnostic, and Therapeutic Career Pathways
- The Supportive Healthcare community houses the Health Informatics, Support Services, and Research and Development Career Pathways
- In the tenth grade students, based on their career interest, enter one of the healthcare career strands: Diagnostics, Therapeutics, Health Informatics, Support Services, or Research and Development
- The Academy of Medical Professions course of study is based on the National Consortium on Health Science Education's National Healthcare Foundation Standards (NCHSE)
- Students will participate in rich learning experiences and real world applications through integrated curriculum and practicum experiences
- During student-led conferences/mid-year presentations, students present their academic progress to parents and staff
- Career and Technical Education Programs of Study are offered in Accounting for Healthcare Systems, Health Information Technology, Agriscience, and Certified Nurse Assistant

Academy of Medical Professions

Smart Scholars Early College Program

Charles E. Gorton High School has a Smart Scholars Early College Program that offers students the opportunity to accumulate college credits while completing their high school studies. Students receive additional academic support from the college partnership to ensure they are at grade level and ready to participate in rigorous high school college courses.

- All incoming ninth grade students will be expected to earn a minimum of twenty-four college credits by the time they graduate. In addition, all freshman will take a seminar course for half a credit that will help students develop the skills to ensure their success in high school and college. The curriculum is designed to ensure that all students will have a successful high school and college experience. Emphasis is placed on collaboration, critical thinking, time management, note-taking skills, test-taking, learning styles, personality profiles and career exploration. All Smart Scholars students attend advisories, which include goal setting and team building activities. Once they pass the Westchester Community College entrance exam, students will be eligible to take college credit classes in Medical Terminology, College Algebra, Psychology, Sociology, Intermediate Spanish I and II, Advanced Spanish I, Anatomy and Physiology I and II, Writing and Research, Writing and Literature, Emergency Medical Services, and Physical Anthropology

- All ninth grade students will enroll in Foundations of Health Science. This course incorporates all eleven of the National Consortium for Health Science Education's National Healthcare Foundation Standards. These include Academic Foundation, Communications, Systems, Employability Skills, Legal Responsibilities, Ethics, Safety Practices, Teamwork, Health Maintenance Practice, Technical Skills, and Information Technology Applications.

Clinical Healthcare Services

- Career exploration in the diagnostic and therapeutic career pathways.
- The diagnostic career pathway explores careers that involve assessing patient health status at a point in time

- The therapeutic career pathway is involved in careers that change the health status of patients
- Students will explore careers in medicine, dentistry, nursing, veterinary medicine, pharmacy, and public health
- Hands-on experiences in medical arts in medical microbiology, medical assisting, and anatomy and physiology classes; practicums, internships, and mentorships are available
- Students will take National Consortium for Health Science Education (NCHSE) Assessment
- Certificate Programs available in Emergency Medical Services and Pharmacy Technician

Supportive Healthcare Services

- Career exploration in the health informatics, support services and medical research and development
- Health informatics documents patient care whereas support services create a suitable environment for providing patient care
- Health informatics careers deal with the communication of medical information accurately and within legal and regulatory bounds, the reading of medical records for billing and coding purposes, and the design of effective systems and processes within the healthcare system
- Support services deal with the maintenance of equipment, housekeeping, dietetics, central supply, business (accounting), and environmental services (agriscience)
- Medical research and development deal with scientific research for medicine, biotechnology, behavioral science, environmental, or mathematical research and development
- In the 10th grade students are taught the process of bibliographic research to obtain scientific papers on the topic of their choice
- In the 11th grade students will prepare a statement of their course of study to obtain a mentor who will assist them in carrying out an original research project
- In the 12th grade students will prepare a paper and presentation of their study for competitions such as Intel Science Talent Search and Intel Science and Engineering Fair
- Students who obtain a mentor can earn up to twelve college credits from SUNY Albany. Hands-on training readies students for immediate employment
- Technology, field trips, and internships are an integral part of this program
- All students will complete two practicum or internships before graduation

The Partners

This school works closely with the following agencies, institutions and colleges:

- St. Joseph's Medical Center
- St. John's Riverside Hospital
- Cochran School of Nursing
- Yonkers Partners in Education (YPIE)
- National Foundation for Teaching Entrepreneurship
- Hudson River Museum of Westchester
- Groundwork Hudson Valley
- Yonkers Public Library
- Museum of Natural History
- Nepperhan Community Center
- Fordham Academic Talent Search
- Today's Students – Tomorrow's Teachers
- Junior Achievement
- Iona Liberty Partnership Program

Colleges and Universities:

- SUNY Albany
- Westchester Community College
- College of Westchester
- Sarah Lawrence College
- Lehman College

Lincoln High School

Academy of Finance and Business Development

Grades 9-12

375 Kneeland Avenue • Yonkers, NY 10704 • (914) 376-8400

School Theme

Smaller Learning Communities

- All students participate in one of three smaller Finance/Business communities in grades 9 through 12
- Small groups of students are taught by a team of designated core area teachers using interdisciplinary instruction
- Rich variety of academically sound support and study skill opportunities
- Integration of extensive curriculum enrichment opportunities
- Personalized learning and counseling

Finance and Business Development Academies

Academy of Business Leadership

Students in this academy will have an opportunity to follow a concentration in the Academy of Finance curriculum or the specialized e-commerce programs.

Academy of Finance

- Affiliation with the National Academy Foundation (NAF), an acclaimed national network of high school career academies, offering college bound students rigorous, career-themed curricula created with current industry and educational expertise, paid internships, and job shadowing experiences
- Students will be prepared for post-secondary education and careers in the financial services industry through a theme-based, contextualized curriculum approach
- Academic learning experiences are combined with hands-on work experience to help students develop the thinking and problem-solving skills so critical to post-secondary education and career success
- Students develop their own businesses as part of NFTE (National Foundation for Teaching Entrepreneurship). Academy of Finance students have reached levels of distinction at regional, national and global competitions.

e-Commerce

- The objective of this course of study is for students to gain an understanding of businesses in the economic system and to acquire a basic understanding of theoretical concepts, principles, rules and issues
- Student will apply problem-solving techniques to real world business situations with critical and creative means
- Subjects covered in this course of study include: finance, accounting, marketing, e-management, electronic marketing, online business strategies, management information systems, website development and IT applications
- Students will have an opportunity to follow a concentration in the Academy of Finance curriculum or the specialized e-Commerce programs

Scientific Research and Business Development Academy

- Students design grant and project proposals, review scientific literature, devise and modify experimental protocols, collect and manipulate data, draw conclusions based on data, and explore the research and development of new, innovative products
- Original science investigations and products will be created and tested in the Lincoln High School scientific research laboratory and at partner laboratories
- Students will have the opportunity to follow a concentration in the Scientific Research or Business Development programs
- Students who successfully complete the Scientific Research program may receive college credits from a multitude of institutions
- Students participating in the Business Development program participate in National Foundation for Teaching Entrepreneurship (NFTE) national and global programs

**Arts Industry Academy -
The Business of The Arts is the Art of Business**

- Hands-on training in the visual and performing arts
- Skills are developed through the use of modern technology including digital recording and business of intellectual property
- Practical experience through paid and non-paid internships, mentoring and shadowing
- Four year program of study in a capstone entrepreneurial practicum applying business knowledge in a problem-solving lab environment
- Arts industry careers intertwine with performance and visual arts training in Technical Theater (Stage Craft and Design) Vocal and Instrumental Music and Visual Art
- Professional experiences with renowned performing artists and Arts business leaders

The Partners

This school works closely with the following agencies, institutions and/or colleges:

- Yonkers Chamber of Commerce
- NFTE – National Foundation for Teaching Entrepreneurship
- Future Business Leaders of America
- Lambda Alpha Beta Gamma Business Honor Society
- PEPSICO
- HSBC Bank
- Today's Students – Tomorrow's Teachers
- Apollo Theatre Educational Outreach
- Hudson Valley Singers
- Center for Secondary School Redesign
- The College Board
- Healthy Respect
- Memorial Sloan Kettering
- National Academy Foundation

- Stew Leonard's
- Neuberger Museum
- Hudson River Museum of Westchester
- Westchester Conservatory of Music
- Yonkers Partners in Education (YPIE)
- Hudson Valley Bank
- JCY-Westchester Community Partners
- Marra Law
- State Farm
- Trustco Bank
- All Family Chiropractic
- Microsoft

Colleges and Universities:

- SUNY Albany
- SUNY Purchase Performing Arts Center
- Lehman College
- Fordham University
- Manhattan School of Music
- Johnson and Wales University
- Westchester Community College
- Borough Manhattan Community College
- Bronx VA Medical Center
- Albert Einstein School of Medicine
- Queens College
- St. John's University
- Monroe College
- University of Kansas
- Mercy College
- Lehman College
- Rockefeller University
- Hunter College
- Yeshiva University
- City College
- Sophie Davis School of Biomedical Education

Palisade Preparatory School

Public Safety Academy

Grades 7-12

201 Palisade Avenue • Yonkers, NY 10703 • (914) 376-8177

- School uniforms are required for all students

School Theme

The new Palisade Preparatory School's Public Safety Academy offers a program for young men and women expressing an interest in one of three career pathways - Law Enforcement, Fire/Emergency Medical Services and Emergency Management.

Middle Years – Grades 7-8

Students in grade seven receive enriched instruction with an emphasis on English Language Arts and mathematics, as well as targeted academic interventions. Eighth graders are enrolled in an exploratory course that provides an overview of the three public safety career pathways.

High School - Grades 9-12

In addition to the New York State graduation requirements, students are enrolled in elective courses aligned with the three Public Safety career pathways and are required to complete a capstone project with an internship or volunteer service.

Elective courses focus on professionalism, interpersonal skills, communication, team building, problem solving and organizational skills.

The capstone project is a multifaceted assignment that serves as a culminating academic and intellectual experience for students to demonstrate their career pathway knowledge. In twelfth grade, students are expected to document their career pathway progress, submit a reflection paper and make a presentation to the members of the school's instructional staff and community-based Public Safety Advisory Board.

According to the Glossary of Education Reform by Great Schools Partnership, "Capstone projects are generally designed to encourage students to think critically, solve challenging problems, and develop skills such as oral communication, public speaking, research skills, media literacy, teamwork, planning, self-sufficiency, or goal setting—i.e., skills that will help prepare them for college, modern careers, and adult life. In most cases, the projects are also interdisciplinary, in the sense that they require students

to apply skills or investigate issues across many different subject areas or domains of knowledge. Capstone projects also tend to encourage students to connect their projects to community issues or problems, and to integrate outside-of-school learning experiences, including activities such as interviews, scientific observations, or internships."

Smaller Learning Communities

- In collaboration with the school community and partners, students will be introduced to careers in law enforcement, fire/emergency medical services, emergency management as well as records and property management.
- Music program in all grades, including concert band, orchestra, jazz band, pep band, drum line and choir
- Academic and social supports are provided for students to be successful in secondary school, college and their chosen career path in public safety.
- Students have the opportunities to learn about themselves in the middle grades through Naviance, a web-based program that helps students identify their learning styles as well as college and career options.
- Students' social and emotional growth is supported by a student assistance counselor and peer-mentoring through the Phoenix Panel - high school students encourage positive social interactions among middle school students as well as their peers.
- Middle years students will be enrolled in an interdisciplinary class designed to assist students in identifying their natural talents, skills and interests, with a focus on careers in public safety
- Getting Prepared for Success (GPS) initiative, in collaboration with Yonkers Partners in Education (YPIE), to introduce students to college exploration
- Public speaking is encouraged in all classes
- Students are expected to work together and employ 21st century skills

Public Safety Academy in Grades 9-12

Law Enforcement, Fire, Emergency Medical Services and Emergency Management

Students will be prepared for post-secondary education or entrance into the workforce. Each career pathway is a personalized academy that provides a rigorous theme-based curriculum in conjunction with community, industry and higher education partnerships.

Students will understand the career pathways and requirements of Law Enforcement, Fire, Emergency Medical Services and Emergency Management and the 911 Communications Systems. Students will learn how each of these groups interact and are interdependent. Instruction will include career preparation standards, communication, interpersonal skills, problem solving, and workplace safety, technology and employment literacy connection to core academic classes.

- Students will receive First Responder training toward certification in Red Cross First Aid and CPR. Skills and an expanded knowledge of the field are achieved through active participation in volunteer programs and internships.
- Syracuse University Project Advance (SUPA) Forensics and Creative writing upon completion, students receive 3 college credits from Syracuse University
- Other elective courses include Web Design and an introductory course for entrepreneurship that provides them with experience in creating a business plan.
- Advanced Placement courses include Biology, Calculus, English Language and Literature, U.S. History and Psychology.
- Community service is required
- Opportunities in various after-school activities include Yearbook and Film Club

The Partners

This school works closely with the following agencies, institutions and/or colleges:

- Hudson River Museum of Westchester
- National Honor Society & Junior National Honor Society
- Jacob Burns Film Center
- YMCA
- Student Assistance Services Corporation
- Yonkers Partners in Education (YPIE)
- National Foundation for Teaching Entrepreneurship (NFTE)
- Yonkers Police Department
- Yonkers Fire Department
- Workforce Investment Bureau

Colleges and Universities:

- Sarah Lawrence College
- Syracuse University
- Mercy College
- Westchester Community College

Riverside High School

Engineering and Design Academy

Grades 9-12

565 Warburton Avenue • Yonkers, NY 10701 • (914) 376-8425

School Theme

Engineering and Design

- Select 9th grade students can pursue a 6-year technical program, which will culminate not only in a high school diploma, but also an industry recognized Associate Degree from Westchester Community College and be first in-line for a job with our industry partners.
- A unique state-of-the-art college preparatory instructional program that reflects the 3Rs of a 21st Century curriculum – Rigor, Relevance, and Relationships
- Interdisciplinary instruction
- Integration of science, technology, engineering, and mathematics across all content areas
- Extra academic support, study skills development and club activities are supported by the 21st Century Gateway Program
- Personalized learning, college and career advisory program

Academic Pathways

The mission of Riverside High School is to prepare all students to be life-long learners who will fulfill their potential to meet the challenges of today's world and prepared to excel in the 21st Century. Riverside students will have opportunities to become literate, numerate, and steeped in the arts and science as well as embrace the sophisticated interpersonal and technological skills essential to compete in a global society.

All students at Riverside High School will engage in career exploration through experiential classroom learning environments. Through the 9th grade introductory course in engineering and design, all students will engage in hands-on projects, design experiments and create innovative ideas to solve proposed engineering problems. Students can then choose among the academic pathways leading to in-depth study of engineering or computer and design programs.

P-Tech Program

Riverside High School will offer a 6-year course of study that culminates in an industry recognized Associate degree in electrical engineering and/or computer technology from Westchester Community College. Students can graduate in grade 14, or in the sixth year of the program, or earlier. Students will be engaged in rigorous college courses as early as 9th grade and participate in work-based experiences with Riverside's industry partners through mentoring, workshops, job shadowing programs and internships. Students will receive support services and career preparation programs. It is mandatory for all students selected into the P-Tech program to attend summer bridge courses and extended day programs, which will prepare the students for career and college readiness. The program primarily focuses on English, mathematics, workplace learning and technical courses that are specifically designed to support and reinforce one another and develop students' knowledge and skills in a professional field. The curriculum is aligned with the New York State Common Core standards, and addresses college pre- and co-requisites as well as workplace readiness skills.

Engineering (Academic Admission Requirements)

Students in the engineering pathway will engage in fundamental concepts of electrical, mechanical, civil, and computer systems engineering. Students will be introduced to 2-dimensional and 3-dimensional engineering design and drawing process. Students can further advance their knowledge and skills through advanced courses in engineering through robotics, applications in electromechanical systems, computer programming, architecture and construction engineering.

- Creating innovative solutions using underlying scientific principles and mathematical skills
- Foundational concepts in electricity, simple machines, dynamics, electronics, energy systems, mechanical control, statics material properties, kinematics and manufacturing
- Engagement in 2-d and 3-d drawing tools such as AutoCADD, PTC Creo, Solidworks, and Sketch Up. Computer programming skills in LabVIEW and Java
- Application oriented electromechanical engineering and robotics (FIRST Tech Challenge and FIRST Robotics Competition)

- Advanced concepts in electrical, mechanical and civil engineering in Principles of Engineering
- Participate in regional and national robotic competitions that requiring innovative designs and solutions while building robots. Working in teams to create game plan strategies
- Internship and mentoring experience in architecture, civil and construction engineering in the ACE Mentoring Program of New York
- Academic enrichment through college-link courses in Psychology, Sociology, Composition & Literature, Statistics, Calculus, and Foreign Languages
- Advanced Placement courses in World History, US History, English Literature and Physics

Computer and Design

Students in the computer and design pathway will learn about current industry trends in Graphic Design, Digital Video Editing, 3-Dimensional Drawing, and 21st Century computer skills. Students engaged in this pathway will further enhance their studies through programming and application development. Students will learn basic and advanced concepts in graphic design through Desktop Publishing software including Adobe Photoshop, Illustrator, Design and Flash. Creativity in design can be explored through 3-dimensional design programs like Sketch Up. Students will gain 21st Century computer skills by mastering all programs in Microsoft Office Suite. Students enhance their communication skills through digital media by creating public service announcements, marketing materials like logos, business brochures, advertisements, movie making and video editing process.

- Creativity using basic and advanced design elements
- 21st Century skills in marketing, communication and graphic design
- Computer programming and Application development
- Mastery in 3-dimensional software programs like Adobe Illustrator, Photoshop, and Sketch Up
- Advanced concepts in Graphic Design that meet industry standards
- Academic enrichment through college-link courses in Psychology, Sociology, Composition & Literature, Statistics, Calculus, and Foreign Languages
- AP courses in World History, US History, English Literature and Physics

The Partners

This school works closely with the following agencies, institutions and/or colleges:

- P-Tech / NYSED
- ACE Mentoring Program of New York
- Andrew & Judith Economos Foundation
- Sarah Lawrence College
Center for the Urban River at Beczak
- College Board for Advanced Placement Courses
- Con Edison
- Divney, Tung, & Schwalbe, LLP
- GroundWorks Yonkers
- Hudson River Museum
- KSQ Architects
- Nepperhan Community Center -
21st Century Gateway Academy Program
- Verde Electric Corporation
- Yonkers Contracting Company, Inc.
- Yonkers Partners in Education (YPIE)
- Yonkers Paddling & Rowing Club

Colleges and Universities:

- Westchester Community College
- Manhattan College – School of Engineering
- Mercy College
- Sarah Lawrence College
- Monroe College
- Fordham University
- Pace University Law School and
Dyson School of Environmental Science
- Concordia College
- Columbia University – Teachers College
Center for Technology and School Change

Roosevelt High School - Early College Studies

Academy of Early College Studies

Grades 9-12

631 Tuckahoe Road, Yonkers, NY 10710

- School uniforms required for all students

School Theme

Smaller Learning Communities

- Personal Learning Plans
- Teacher/Student Advisories
- Student-Led Conferences, Focus Groups, Study Sessions
- Academic Support
- Extended Learning Experiences

Roosevelt High School - Early College Studies

Roosevelt High School - Early College Studies has a rigorous, collegiate learning environment. As a full four year high school, students benefit from a range of educational opportunities including collegiate enrichment and visitation experiences, as well as opportunities to accrue college credit from college/university partners. Learning opportunities are provided through school day efforts, extended day, and summer learning experiences.

Dual credit courses are offered on site by vetted teachers. In addition, college courses are offered on college/university partner campuses through programs such as Jumpstart, which allows high school to get an early start on their college education. Relationships with college/university partners extend beyond course offerings to include parent workshops, student academic support, and SAT/ACT prep.

RHS-ECS is aligned with the Early College High School philosophy:

- Students are prepared for the academic rigor of postsecondary education
- Juniors and seniors follow a college course schedule - semester, intercession and summer courses with the potential for students to earn an Associate's Degree
- Technology is infused into every aspect of teaching and learning
- College campus atmosphere at the high school provides students with a College and Career Center staffed with an advisor, and a state-of-the-art Library and Media Center
- Teacher/Student Advisory Program provides ongoing academic and developmental supports
- The entire school supports the Positive Behavioral Interventions and Supports (PBIS) Model
- The Community Service program inspires volunteerism
- Extended learning experiences embrace in-depth study and research-based projects

Student Expectations:

- 100% attendance
- Commitment to college-rigor courses
- Participation in a freshman orientation program, student led conferences and teacher/student advisory meetings
- Development of portfolios and research-based projects used as course exit exhibitions
- Use of technology for coursework and the Naviance college preparatory system
- Participation in College Board programs - PSAT to improve college readiness skills in preparation for college-level courses, as well as Accuplacer and SAT tests to assess academic readiness for college
- Community service
- Participation in Summer College Camp programs at the campuses of RHS-ECS's college partners

The Partners

This school works closely with the following agencies, institutions and/or colleges:

- Early College High School Initiative
- American Museum of Natural History
- Groundwork Hudson Valley
- Habitat for Humanity of Westchester
- Hudson River Museum of Westchester
- New York Institute of Technology

- Tequipment
- Yonkers Partners in Education (YPIE)
- Today's Students Tomorrows Teachers (TSTT)
- Fordham University Academic Talent Search
- Skills U.S.A.
- Nepperhan Community Center - Gateway Academy Program
- National Honor Society
- Jacob Burns Film Center
- La Sociedad Honoraria Hispanica
- La Societa Onoraria Italica
- Sarah Lawrence College Center for the Urban River at Beczak
- News Channel 12
- WABC Eyewitness News

Colleges and Universities:

- Westchester Community College
- Mercy College
- Pace University
- SUNY Farmingdale
- Manhattan College School of Engineering
- Manhattanville College
- Sarah Lawrence College
- Monroe College
- Lehman College Art Gallery

Saunders Trades and Technical High School

Technical, Occupational and Vocational Programs

Grades 9-12

183 Palmer Road • Yonkers, NY 10701 • (914) 376-8150

- Technical Studies (Academic Admission Requirements)
- Occupational Studies
- Vocational Studies

School Theme

Ninth Grade

- Incoming freshmen will be placed in specialized programs they select on the School Choice application
- Freshmen will take Regents-level core classes including health, physical education, and foreign language. Ninth grade students will take a minimum of two New York State Regents exams at the end of their first high school year
- Extra academic support and study skills
- Integration of rich learning experiences

All students will earn a CTE (Career and Technical Education) designation on their diploma by successful completion of required industry-approved exams.

Technical Studies (Academic Admission Requirements)

Students must meet academic requirements in science and math. Advanced levels of science and math are required for all Technical Magnets. Instruction is geared towards preparing students for Advanced Placement examinations.

- Architecture Technology* - emphasizes working drawings, construction, structural detailing, rendering and computer-aided design and drafting
- Construction and Facilities Management – incorporates architecture, engineering construction, surveying, landscape design, estimating and facilities management (11th and 12th grade only)
- Electronic and Computer Circuitry* - provides a background in pre-engineering for electronics
- Bio-Chem Technology* - an intense and rigorous course of study encompassing biological and chemical curricula, hands-on extensive laboratory sessions; field work, research driven experimentation; independent studies in collaborations with local colleges and near by science institutions, coursework culminating in Advanced Placement Exams in the sciences. Bio-Chem students must complete and defend a senior dissertation at the end of their senior year.

(*Denotes that Physics is a required course)

Occupational Studies

Students will be prepared for post-secondary education or immediate entrance into the workforce with applicable certification and licensing. In their senior year, eligible students may participate in a cooperative experience.

- Cosmetology and Barbering provides training in all procedures needed to take the New York State practical and written licensing exam. Chemistry of Cosmetology and Related Art are integral parts of this program.
- Culinary Arts and Restaurant Management focuses on food preparation, presentation, baking techniques, safety, sanitation, nutrition and dining room service
- Fashion Design and Merchandising emphasizes the art of clothing design, assembling, fitting and finishing, pattern making, related arts, textile science and computer assisted design
- Graphic Communications and Pre-Press Productions teaches an array of professional graphic applications, page layout and design and visual aesthetics while preparing students for careers in the graphic/printing and visual communication industries

Vocational Studies

Students are prepared to enroll in post-secondary technical programs as well as the workforce upon graduation. In the senior year, eligible students may participate in a cooperative experience.

- Automatic Heating/Air Conditioning - provides technical knowledge and practical experiences for residential and commercial buildings. Instruction includes environmental science and welding in conjunction with the National Association of Oil Heating Service Managers
- Automotive Mechanics - provides training in computerized and manual troubleshooting, diagnostics, maintenance and repair of motor vehicles by ASE - certified instructors
- Construction Technology – instruction encompasses fundamental wood-working, construction of concrete forms, framing and blueprint reading for residential and commercial building

P-Tech Program

Saunders Trades and Technical High School will offer a 6-year course of study that culminates in an industry recognized Associate Degree in Civil Technology from Westchester Community College. Students can graduate in grade 14, or in the sixth year of the program, or earlier. Students will be engaged in rigorous college courses as early as 9th grade and participate in work-based experiences with Saunders industry partners through mentoring, workshops, job shadowing programs and internships. Students will receive support services and career preparation programs. It is mandatory for all students selected into the P-Tech program to attend summer bridge courses and extended day programs, which will prepare the students for career and college readiness. The curriculum is aligned with the New York State Common Core standards, and addresses college pre- and co-requisites as well as workplace readiness skills.

NOTE: Advanced Placement courses are available to all students meeting academic requirements and with teacher recommendation.

The Partners

This school works closely with the following agencies, institutions and/or colleges:

- National Association of Oil Heating Service Managers
- National Automotive Training Education Foundation
- NASA - Robotics Alliance Project
- Yonkers Partners in Education (YPIE)
- Domino Brands
- Sarah Lawrence College
Center for the Urban River at Beczak
- Con Edison
- Fuller & D'Angelo, P.C. Architects and Planners

Colleges and Universities:

- Westchester Community College
- Manhattan College
- New York Institute of Technology
- Monroe College
- Lincoln Tech
- College of Westchester
- SUNY Delhi
- SUNY Farmingdale
- Alfred State – SUNY College of Technology
- Mercy College
- Dominican College

Yonkers Middle/High School

International Baccalaureate Academy

Grades 7-12

150 Rockland Avenue • Yonkers, NY 10705 • (914) 376-8191

- International Baccalaureate Middle Years Programme (MYP)
- International Baccalaureate Diploma Programme (IB) (Academic Admission Requirements)
- School uniforms are required for all students



School Theme

Smaller Learning Communities

Grades 7-12

- Unique learning environment housing students in grades seven through twelve
- The acclaimed International Baccalaureate Programme is the cornerstone of the school's rigorous curriculum
- School uniforms are required of all students
- Students who elect to be a part of this academic environment must possess a strong sense of motivation, and students and their parents must affirm their commitment to the high standards of a program of this kind
- Continuation in the program from middle school to high school requires middle school students to maintain high academic performance to meet the rigorous high school Academic Admission Requirements

International Baccalaureate Middle Years Programme

- Traditional school subjects are taught with a focus on global citizenship, inquiry learning and thematic interdisciplinary units
- Students are encouraged to develop intercultural awareness that includes a study of their own traditions and history
- All students take a foreign language to promote effective global communication
- Students' intellectual and social development is combined with a strong skills program around five common themes that are embedded across academic subjects referred to as the Areas of Interaction: Approaches to Learning; Community and Service; Health and Social Education; Environment; and Human Ingenuity

- Students are guided as they strive to develop the characteristics of International Baccalaureate Learners: inquirers; knowledgeable; thinkers; communicators; principled; open-minded; caring; risk-takers; balanced; and reflective
- Mathematics and science are accelerated, whenever possible, in preparation for higher level coursework in the high school program

Expanding Our Global Community

Grades 9-12

- The International Baccalaureate Programme is the cornerstone of the school's college preparatory curriculum and is designed to prepare students for post-graduation entrance to universities in the United States and around the world
- Students who are accepted to be part of this rich academic environment should possess a strong sense of motivation and dedication. Both parents and students need to maintain a commitment to fulfilling the high standards of this program

International Baccalaureate Programme (IB): Honors IB and Diploma (Academic Admission Requirements)

- Students must have demonstrated high academic performance as part of the entrance requirements. Entrance is based on report card grades, standardized test scores and the selection of Yonkers High School during the application process
- Students and parents must sign the school's Placement Agreement indicating that they will adhere to the school uniform policy and Code of Conduct, as well as maintain their academic standing