



RIDGEWOOD HIGH SCHOOL

WALL-TO-WALL ACADEMY INFORMATION



The Wall to Wall Academy Model concentrates on meeting high standards to ensure that students will be competitive upon high school completion, whether they choose direct entry to the work force, a military career or a formal continuation of their education in a college, university or technical school. Academies offer a small learning community approach offering students more personalized attention, recognition and care from teachers, staff, and peers.

ACADEMY OF ARTS & MEDIA EDUCATION

The Arts & Media Education Academy will provide students the opportunity to develop their creative interests. The academy will provide a variety of artistic mediums, which will include art, drama, music, journalism, and digital media. Students will also have the opportunity to participate in co-curricular activities such as an Art Society where students will be able to compete in shows, Marching Band and band concerts as well as the Thespians program for the Drama program. Students will have the opportunity to earn industry certifications in Microsoft, Adobe Photoshop, InDesign, and Illustrator.

Career Path Options: Artist, Musician, Graphic Designer, Journalist, Actor, as well as a variety of other professions within arts and media.



ACADEMY OF SPORTS AND MEDICAL SCIENCES (SPORTS MEDICINE, HEALTH & HUMAN SERVICES, BIOMEDICAL SCIENCES)



The Sports and Medical Sciences Academy is divided into three paths designed to give students an education in a variety of medical fields. Sports Medicine focuses on the prevention of athletic injuries, personal training, fitness prescription, first aid, and Biomedical Sciences and can lead to a certification as an Athletic Trainer. Health and Human Services focuses students on Biomedical Sciences as well as leading to a Certified Nursing Assistant (CNA) certification to go directly into the workforce upon completing high school. Biomedical Sciences is a Project Lead The Way (PLTW) program, which prepares students to explore concepts in a hands-on, real-world problem solving approach in the medical field.

Students will also have the opportunity to participate in HOSA – Future Health Professionals, a co-curricular student organization that offers health care related competitive events at the regional, state and national levels. Students have the opportunity to earn an industry certification as a Certified Nursing Assistant, Personal Trainer, as well as college credit through PLTW Biomedical Science courses.

Career Path Options: Physician, Nurse, Physician's Assistant, Certified Nursing Assistant, Athletic Trainer, Biomedical Researcher, Home Health Aid, and a variety of other professions within medicine.

ACADEMY OF BUSINESS MANAGEMENT & LEADERSHIP

The Business Management and Leadership Academy is designed to provide students with the ability to develop leadership skills, effective management principles, collaboration and basic understanding of a variety of business opportunities.

The NJROTC program focuses on transforming today's youth into tomorrow's leaders. In a secondary educational setting, it instills the values of citizenship, service to the United States, personal responsibility, and a sense of accomplishment. Students will also have the opportunity to participate in NJROTC annual inspections and personal fitness competitions at the local and state levels.

The Business Management program focuses on the aspects of business and marketing in the healthcare, sports administration and management fields. Students will work collaboratively to investigate and design innovative solutions for business entrepreneurship in the 21st century. Students will also have the opportunity to participate in FBLA (Future Business Leaders of America), a co-curricular student organization that offers competitions related to the business field at the regional, state and national levels. Students will have the opportunity to earn industry certifications in Microsoft, Adobe Photoshop, InDesign, and Illustrator.

Career Path Options: Human Resources Officer, Logistics and Distribution Manager, Marketing Executive, Retail Manager, Sales Executive, Systems Analyst, Sports Management Agent, and all of the military branches (being a member of NJROTC does not mean you are pursuing a career in the military, it is just one of the many career options).



The Robotics Academy is a STEM program that provides students hands-on, real-world science, technology and engineering experience in a way that is exciting and engaging. Students will have the opportunity to explore a foundation of knowledge and technical oriented experiences, focusing on artificial Intelligence, electronics, physics, and 3D printing. Students will develop a robot project useful in the medical field as well as collaborate with Biomedical students to create a working prosthetic. The program has a potential internship opportunity as a FRS course during the senior year of high school. Students will also have the opportunity to participate in the Vex Robotics Club, a co-curricular student organization that offers robotics related competitive events at the regional, state and national levels.

Career Path Options: Robotics Technicians and Robotics Engineers, however, there are many other job opportunities, such as: Application Engineer, Manufacturing Assembler, Programmer, Quality Control, Software Developer, Support Specialists and Trainers.



RIDGEWOOD HIGH SCHOOL

ACADEMY SUPPORT PROGRAMS



AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

AVID, Advancement Via Individual Determination is a college readiness program. Students participate in rigorous courses with the support of content teachers as well as AVID teachers. Students must enroll in the AVID elective course. Students learn organizational, study, and problem solving skills to help them be successful in the real world. Students also visit Florida college campuses to obtain information about the variety of opportunities that await them. Students receive support in test preparation skills, the college application process, and applying for financial aid as well as scholarships.

AVID students are more likely to take Advanced Placement classes, complete their college eligibility requirements, and get into four-year colleges than students who don't take AVID. Almost all AVID students who participate for at least three years are accepted to college, with roughly three quarters getting into four-year universities. AVID also helps ensure that students once accepted to college, possess the higher-level skills they need for college success.

INSTRUCTIONAL DELIVERY MODELS

iLEARN

The iLearn instructional delivery model infuses the use of technology in the classroom to enhance educational experiences and prepare students to be ready for the 21st Century by utilizing this technology on a daily basis. All students will be given the opportunity for a 1:1 technology-infused learning environment. Based on availability, students will have the choice of an iPad or laptop for use to take home or check out daily. Students who choose to purchase laptop or iPad insurance will be able to take the device home. Students who do not purchase the insurance will check out the device from the media center daily. Students are also encouraged to bring their own device (BYOD) from home and register with the media center.

IDE LATIC (LEARNER ACTIVE TECHNOLOGY INFUSED CLASSROOM)

Learner Active Technology Infused Classrooms (LATIC) where students explore authentic learning units, which require them to take skills learned in classroom and apply them to real world situations. LATIC classrooms have a student-centered learning environment, which fosters individual, independent and collaborative learning opportunities.

