

ACADEMIES AT ENGLEWOOD

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ENGLEWOOD PUBLIC SCHOOL DISTRICT
INTERDISTRICT PUBLIC SCHOOL CHOICE PROGRAM
<http://ae.epsd.org>

Mr. Michael Roth, Interim Superintendent
Dr. Noel Gordon, District Director of Guidance
Mr. Peter Elbert, Principal



SENIOR PROFILE

CLASS of 2015

The Academies @ Englewood (A@E) began in September 2002 as an *Interdistrict Public School Choice Program* sponsored by the New Jersey State Department of Education in partnership with the Englewood Public School District. Academies @ Englewood was founded to provide superior magnet programs for Englewood and choice students, and to attract a motivated, ethnically diverse student population to the *Dwight Morrow High School (DMHS) campus*. In May 2004, the Academies @ Englewood was designated one of the top high schools in the country by the International Center for Leadership in Education. The five magnet programs are as follows:

Biomedicine Academy - CEEB Code 310364
Finance Academy - CEEB Code 310356
Information Systems Academy - CEEB Code 310361
Law and Public Safety Academy - CEEB Code 310353
Pre-Engineering Academy - CEEB Code 310351

Academy programs prepare students to meet the rigor of college and the corporate world beyond through a specialized blend of academic and technical classes and internships. The Class of 2006 was the first graduating class from the Finance, Information Systems, Law and Public Safety, and Pre-Engineering Academies. The Biomedicine Academy opened in September 2004 and graduated its first class in June 2008.

MISSION

The internal mission of the Academies @ Englewood is to attract a diverse population to the *Dwight Morrow High School campus*; to provide a challenging curriculum in a technology-infused, restructured learning environment; to prepare students to continue their study at the college level; to acquire a broad background in the humanities, sciences and mathematics; and to become independent learners and original thinkers who will work to improve the human condition. Its external mission is to serve as a working model for educational innovation and reform, and to foster partnerships with business and postsecondary communities.

PROFILE OF THE CLASS OF 2015

An exceptionally able and ethnically diverse group of students has chosen the Academies @ Englewood. To date, 478 students are enrolled in grades 9-12. Of that number, a total of 120 A@E in-district and out-of-district students are enrolled in the Class of 2015. Further data show that 149 students are Asian, 97 are African-American, 122 are Hispanic, 97 are Caucasian, 2 are Alaskan Native/American Indian, 2 are Hawaiian Native/Other Pacific Islander and 9 are Multi-racial. This student profile reflects the diversity of the program.

ACADEMIC / JUNIOR YEAR TESTING DATA

Statistics for the Class of 2015 are based on 120 students. One hundred percent (100%) of Academy seniors intend to apply for college admission, many to our nation's most prestigious institutions. Academies@Englewood students are preselected for admission and courses are offered at the honors level. Statistics for the A@E relating to SAT scores are based on Class of 2015 students sitting for the test in their junior year. The average SAT score based on a cross section of these students is 1758. Further results showed over 50% scored 1790 and above, with a high 2290 out of 2400 on the SAT Reasoning Test. A total of 35% of the students scored 1930 and above. Results from the required State of New Jersey High School Proficiency Assessment (HSPA) for this class showed that a total of 100% of this class passed the HSPA in language arts literacy at the first sitting and 95% passed in mathematics at the first exam sitting.

ASSESSMENT/GRADING SYSTEM

Academy students are not ranked. Due to the competitive nature of the admission's selectivity and educational process, ranking at the Academies would not necessarily indicate student ability or educational achievement. In lieu of ranking, we use a process called Frequency Distribution, noting numbers of students within GPA clusters. Grades are recorded on a semester basis, and unweighted grade point averages (GPA) are calculated yearly based upon final course grades consisting of cores and electives.

GRADUATION REQUIREMENTS

Each Academy program is both career centered and college focused. Core courses are taught on an honors level, most advanced or accelerated. Eleven (15) Advanced Placement courses and nine (9) Dual Enrollment courses are offered. Upon graduation, students have completed the following requirements: four years of English, science, mathematics, and physical education; three years of social studies, world language; one to two years of technology and art/music; and half-year of economics and financial literacy. Seniors participate in a year-long internship called *Senior Experience*.

AP COURSE OPPORTUNITIES

Juniors and seniors have access to AP selections as follows: Art History, Biology, Calculus AB, Calculus BC, Chemistry, Economics, English Literature & Composition, Environmental Science, Physics, Physics 2, Physics Mechanics, Spanish Language, Statistics, US Government & Politics, and US History.

DUAL ENROLLMENT COURSE OPPORTUNITIES

Juniors and seniors have access to DUAL ENROLLMENT (DE) selections as follows: Anatomy & Physiology I & II (*DE Anatomy and Physiology Honors*), Freshman Composition I (*DE World Literature 1 H*), Freshman Composition II (*DE World Literature 2 H*), Intermediate Spanish (*DE Spanish III Honors*), MAT-280 Calculus I (*DE Calculus Honors*), Pre-Calculus (*DE Pre-Calculus Honors*), Sociology (*DE Sociology Honors*), Psychology (*DE Psychology Honors*), Western Civilization I & II (*DE World Studies*). Dual Enrollment credit classes are available through articulation agreements with area universities and community college.

FACULTY PROFILE

Academy staffing is based upon achievements and expertise from business and academia with 11% holding a Doctoral Degree, 70% holding a Masters Degree and 19% holding a Bachelors Degree.

SCHOOL CALENDAR AND STUDENT SCHEDULES

A@E has a traditional school calendar of 180 days that begins in September and ends in late June. Students follow an extended school day that officially is in session from 8:00 a.m. until 4:00 p.m. Our year is based on semesters. The average class size is typically 20.

MENTORSHIPS/INTERNSHIPS

The Senior Experience Program partners 12th graders in mentor internships one day per week for the full high school year. Students report to corporations and post-secondary institutions in pursuit of authentic, experiential learning every Thursday. This program is endorsed by the New Jersey State Department of Education. A sample of mentor partnerships that typically hosts our seniors includes: Columbia University Genome Project-NYC, New York Presbyterian/Columbia (Celiac Disease)-NYC, Clifford Dias P.E.P.C.-NYC, Donna Karan-NYC, NJ Motion Picture & Television, Smith Barney-NYC, Bergen County Sheriff's Dept-NJ, United Nations Development Programme-NYC, Englewood Medical Center (Medical Rotation, Nursing, Behavioral Health)-NJ, Hackensack University Medical Center (Pharmacy, Virology Research)-NJ, District 37 Legislative Office (Political Science)-NJ, Major League Gaming (Technology)-NYC, and The Humane Society of NY (Veterinary Medicine)

STUDENT ACHIEVEMENTS

- Yale Model UN: Honorable Mention students.
- NJ Academy of Science: Grant for Independent Study - Two students.
- North Jersey Regional Science Fair: First Place & Third Place Botany.
- HOSA Healthcare Occupations Students of America State Competition - Team placed in Parliamentary Procedures.
- The Stock Market Game - Team won three of eleven places.
- FBLA Future Business Leaders of America, State Conference - Third, Fifth, & Eighth Honors
- The Record Diversity in Journalism Workshop, Syracuse University - Four Awards.
- Teen Arts Festival: Poetry published in Teen Arts Chapbook.

PARTIAL LIST OF DMHS/A@E COLLEGE ACCEPTANCES SINCE 2006 <> CLASS OF 2014 GRADUATES: 247 <> SCHOLARSHIP OFFERINGS FOR CLASS OF 2014: OVER \$10,000,000

Alabama A&M Albany College of Pharmacy American University Babson College Bentley University Binghamton University Boston University Brandeis University Brown University Buffalo State College of SUNY Caldwell College Carnegie Mellon Case Western Reserve University College of Mount Saint Vincent The College of New Jersey Columbia University Cornell University The Culinary Institute of America CUNY at Baruch College Dartmouth College Delaware State University Dominican College of Blauvelt Drew University Drexel University Duke University Eastern University Fairleigh Dickinson University Fashion Institute of Technology Felician College Fordham University The George Washington University Georgetown University Hampton University Harvard University Howard University Illinois Institute of Technology Indiana University at Bloomington	Iona College Johns Hopkins University Johnson & Wales University Kean University Lehigh University Lincoln Technical Institute Long Island University Manhattan College Massachusetts College of Pharmacy & Sciences Massachusetts Institute of Technology Miami University of Ohio Monmouth University Montclair State University Morgan State University New Jersey Institute of Technology New York Institute of Technology New York University Norfolk State University Northeastern University Nova Southeastern University The Ohio State University Pennsylvania State University Princeton University Purchase College Quinnipiac University Ramapo College of NJ The Richard Stockton College of NJ Rowan University Rutgers University Saint Peter's College Seton Hall University St. John's University Stanford University State University of New York at Albany Stevens Institute of Technology Stony Brook University Sussex Community College	Syracuse University Temple University Texas A&M University Tufts University Tuskegee University University of Bridgeport University of Buffalo University of California at Los Angeles University of California at San Diego University of Chicago University of Connecticut University of Delaware University of Detroit Mercy University of Hartford University of Illinois University of Massachusetts University of Miami University of Michigan University of New Haven University of North Carolina University of Pennsylvania University of Rhode Island University of the Sciences Philadelphia University of Vermont Ursinus College Vanderbilt University Vassar College Villanova University Virginia State University Virginia Union University Wesleyan University West Virginia State University Widener University William Paterson University Yale University
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