

The Academies @ Englewood

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2017-2018 School Profile

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 2018: An exceptionally able and ethnically diverse group of students has chosen the Academies @ Englewood. To date, 500 students are enrolled in grades 9-12; of that number, a total of 116 A@E in-district and out-of-district students are enrolled in the Class of 2018. Further data show that 36% of the A@E students are Asian, 18% are African-American, 26% are Hispanic, 18% are Caucasian, 0.8 Hawaiian Native/Other Pacific Islander, and 1.2% are Multi-racial. This student profile reflects the diversity of the program.

ACADEMIC / JUNIOR YEAR TESTING DATA: 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 core courses are offered at the honors level. Statistics for the A@E relating to SAT scores are based on 73 Class of 2018 students sitting for the test in their junior year.

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 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. Fourteen Advanced Placement courses and eight 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 and world language; one year visual/performing art and 21st century skills; and a half-year of economics and financial literacy. Seniors participate in a year-long internship called Senior Experience.

AP COURSE OPPORTUNITIES: Students have access to AP selections as follows: Biology, Calculus AB, Calculus BC, Chemistry, Economics, English Language Composition, English Literature & Composition, Physics 1, Physics 2, Physics C, Spanish Language & Culture, Statistics, US Government & Politics, US History, and World Studies.

DUAL ENROLLMENT COURSE OPPORTUNITIES: Juniors and seniors have access to DUAL ENROLLMENT (DE) selections as follows: Anatomy & Physiology I & II, Freshman Composition I & II, World Studies, Microbiology, Pre-Calculus, Sociology, and Psychology. Dual Enrollment credit classes are available through articulation agreements with area universities and community colleges.

FACULTY PROFILE: Academy staffing is based upon achievements and expertise from business and academia with 8% holding a Doctoral Degree, 71% holding a Master's Degree and 21% holding a Bachelor's Degree. There is approximately a ten-to-one student/teacher ratio on the high school campus.

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 a.m. until 2:47 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).

List of Dwight Morrow High School/Academies @ Englewood Class of 2017 College Acceptances Class of 2017 Graduates: 274

Albany State University Albright College American University Andrews University Aveda Institute of New York

Babson College Barnard College Barry University Baruch College of CUNY Bay Path University Bentley University Berkeley College Berklee College of Music

Bethune-Cookman University Binghamton University Bloomfield College

Boston College **Boston University** Bowie State University Brandeis University Brooklyn College of the CUNY

Broward College

Bryn Athyn College of the New Church Caldwell University

Carnegie Mellon University Case Western Reserve University

Castleton University Centenary University

City College of New York CUNY Claflin University

Clark Atlanta University Clark University Cleveland State University College of New Rochelle College of Saint Elizabeth Colorado State University

Columbia College Hollywood Coppin State University Cornell University Delaware State University

Drew University

Drexel University **Duke University**

East Stroudsburg University

Eastwick College Emerson College

Fairleigh Dickinson University

Felician University Fordham University Franklin Pierce University George Mason University Georgia Institute of Technology Georgian Court University

Hampton University Harrisburg University of Science and Technology

Hofstra University Howard University Hunter College of the CUNY Indiana University at Bloomington

Iona College

Johns Hopkins University Johnson & Wales University

Kean University Keystone College Lehigh University Lewis & Clark College

LIM College Lincoln University Long Island University Lynch College Manhattan College

Massachusetts Institute of Technology

MCPHS Mercy College Merrimack College Michigan State University Monmouth University Monroe College

Montclair State University Morgan State University New England College New Jersey City University New Jersey Institute of Technology

New York University Newbury College Nichols College

Northeastern University Nova Southern University Occidental College

Pace University Pennsylvania State University Princeton University

Ramapo College of New Jersey Rensselaer Polytechnic Institute

Roanoke College

Rochester Institute of Technology Roger Williams University Rowan University Rutgers University

Sacred Heart University Saint Anselm College Saint Michael's College Saint Peter's University Salve Regina

Seton Hall University Siena College Simmons College

Southern Adventist University Southern University

Spelman College St. Bonaventure University St. John's University St. Thomas Aquinas SUNY Albany SUNY Buffalo

SUNY New Paltz Stevens Institute of Technology Stevenson University

Stonehill College Stony Brook University Susquehanna University Syracuse University

Temple University Tennessee State University

The College of New Jersey The Cooper Union

The George Washington University

The New School The University of Tampa

The University of Texas Tufts University Tulane University Tuskegee University University of Bridgeport

University of California University of Connecticut University of East London University of Hartford

University of Illinois University of Maine University of Maryland University of Massachusetts University of Miami

University of New Haven University of Pennsylvania University of Rhode Island University of Rochester

University of South Carolina University of St. Andrews University of Tennessee Villanova University Virginia State University

Virginia Tech.

Wentworth Institute of Technology

Wesleyan University Wheaton College Whittier College

William Paterson University

Wilson College Yale University

Partial List of Dwight Morrow High School/Academies @ Englewood College Acceptances Since 2006

Alabama State University **Brown University** College of Mount Saint Vincent Columbia University The Culinary Institute of America **CUNY** at Baruch College

Dartmouth College Dominican College of Blauvelt Eastern University Fashion Institute of Technology Georgetown University Harvard University Illinois Institute of Technology Miami University of Ohio Norfolk State University Northeastern University

Purchase College Quinnipiac University Stockton University Stanford University Texas A&M University University of Chicago University of Delaware University of Detroit Mercy University of Miami University of Michigan University of North Carolina University of Pennsylvania University of the Sciences University Vermont Ursinus College Vanderbilt University