

COMMUNITY

The Township of Springfield is located approximately 20 miles west of New York City. It is a suburban community with a population numbering 15,800 in a 5.2-square-mile area. Residents of Springfield range from middle class to above and are employed in professional, managerial, skilled and self-employed positions. Springfield has three elementary schools, a middle school and one high school.

DAYTON COLLEGIATE ACADEMY

The Dayton Collegiate Academy was established to meet the needs of students identified with exceptional abilities and/or talents. We aim to help these students recognize and define their own special abilities to become self-fulfilled, creative leaders. We accomplish this by offering challenging, real-world experiences in a student-centered environment. To add rigor to their schedules, the selected cohort of students will be enrolled in advance placement courses starting their freshman year. Additional opportunities include selection from a wealth of advance placement courses, academic contests and competitions, interest groups and clubs, as well as leadership activities. Students will take a concentration of advanced placement courses in a content area or discipline. They will also engage in research of a topic of interest throughout the four years of high school, which will culminate in a research project completed in their Senior Seminar.

ENROLLMENT DATA

Total School Enrollment – 572 Class of 2016 – 155

ACCREDITATION

Middle States Association, New Jersey Department of Education

16 HONORS & 21 ADVANCED PLACEMENT COURSES

English 1 Literature H	AP French 5
English 2 H	AP Italian 5
Geometry H	AP Calculus BC
Algebra 2 H	AP Computer Science A
Pre-Calculus H	Advanced Computer Science
Western Civilization H	AP Statistics
U.S. History 1900 H	Multi-Variable Calculus
Biology H	AP European History
Chemistry H	AP U.S. History
Tomorrow’s Teachers	AP Psychology
Senior Seminar	AP Biology
Portfolio Studio Art	AP Chemistry
Spanish 4	AP Physics
French 4	AP Studio Art
Italian 4	AP Art History
AP English 3	AP Music Theory
AP English 4	AP American Government
AP Spanish 5	and Politics
AP Spanish 6	AP Macro Economics

2016 ADVANCED PLACEMENT PROGRAM

29 Scholars
7 Scholars with Honor
5 Scholars with Distinction

STAFF

Total Professional Staff 70
Teaching Staff 54
Teacher:Pupil Ratio 1:18
Full-Time Guidance Staff 3
Percentage of Faculty with
Master’s Degree or beyond 72%

Counselors

Mrs. Darlene Hill Mrs. Jacqueline Ritter Mr. Anthony Vecchione

CURRICULUM

The district curriculum, which includes over 130 courses, affords students the opportunity to select subjects that suit their needs and interests. A Gifted and Talented Program is available to selected students. In addition, students may choose from a variety of occupational/technical and cooperative education programs available on a shared time basis at county vocational-technical schools. Students may earn college credit through the Middle College Program at Fairleigh Dickinson University and project acceleration at Seton Hall University.

COLLEGE BOARD DATA

SAT Reasoning Test Scores — Class of 2016

Range	Critical Reading	Math	Writing
700-800	3%	3%	5%
600-690	11%	21%	17%
500-590	36%	26%	27%
400-490	29%	38%	37%
300-390	18%	11%	11%
200-290	3%	1%	3%
Mean	491	509	504
National Mean	494	508	482
State Mean	495	514	492
Total Number of Students Taking SAT Reasoning Test	121		

SAT SUBJECT TESTS — CLASS OF 2015

U.S. History	627
Literature	620
Math Level 1	582
Math Level 2	616
Total Number of Students Taking SAT Subject Tests	18

ADVANCED EDUCATION CLASS OF 2016

Four-Year College	107	69%
Two-Year College	38	24%
Armed Forces	1	1%
Full-Time Employment	3	2%
Other Plans	6	4%
Total — Class of 2016	155	100%

GRADUATION REQUIREMENTS

Credits Required	130 Credits
English	4 Years (20 Credits)
English 1/Writing & Research	1 year (5 credits)
United States History	2 Years (10 Credits)
Western Civilization	1 Year (5 Credits)
Physical Education & Health	5 Credits each year in attendance
Mathematics	4 Years (20 Credits)
Laboratory Science	3 Years (15 Credits)
World Languages	2 Years (10 Credits)
Economic & Financial Literacy	1/2-Year Course (2.5 Credits)
Visual & Performing Arts	5 Credits
Career Ed. & Consumer, Family & Life Skills (Practical Arts)	5 Credits
Additional Electives Taken from CCCS Areas	5 Credits

All students must pass the Partnership for Assessment of Readiness for College and Careers Test (PARCC) in order to earn a state-endorsed diploma.

GRADING SYSTEM

Percentage Average	Letter Grade	Numeric Equivalent
98-100%	A+	4.33
92-97%	A	4.00
90-91%	A-	3.67
86-89%	B+	3.33
82-85%	B	3.00
80-81%	B-	2.67
76-79%	C+	2.33
72-75%	C	2.00
70-71%	C-	1.67
65-69%	D	1.33
0-64%	F	0.00
Failure of final MP or to take Exam		FO

CLASS RANK AND GRADES

It is the philosophy of the school that class rank does not adequately or fairly reflect the abilities and achievements of its graduates. The senior class is both small and high-achieving, with approximately 90% of students planning to attend two- or four-year colleges after graduation. The calculation of a rank in class is inconsistent with the belief that each student must be considered as an individual, and it creates a distorted picture of the relative academic abilities of the students in the class.

Since the school offers a number of subjects on both an AP and Honors level, the school does calculate and report both a weighted and an unweighted grade point average for each student. Thus, students who accept the greater academic challenges involved in such courses are recognized through grade weighting. Honors classes are weighted by .33 and AP courses are weighted by .67.

Ultimately, the best picture of a student’s achievement is obtained by examining the actual transcript of courses and grades, with the weighted and unweighted GPAs providing a mathematical summation.

CLUB PROGRAMS

Alternatives Club
Art Club
Chess Club
Chorale/Glee Club
Concert Band
Drama Club
Environmental Club
Fall Drama
FBLA (Future Business Leaders of America)
French Club
Gay/Straight Alliance
Italian Club
Junior Statesman of America (JSA)
Key Club
Literary Magazine
Marching Band
Math League

Medical Careers Club
Mock Trial Team
Model UN
National Honor Society
Peer Leadership
Peer Mediation
Quiz Bowl
Restaurant Club
School Newspaper (The Dawg Print)
Spanish Club
Spring Musical
Student Council
Volunteer Club
Yearbook

ATHLETIC PROGRAM

FALL

Boys' & Girls' Cross Country
Boys' Soccer
Cheerleading
Football*
Girls' Gymnastics*
Girls' Soccer
Girls' Tennis
Girls' Volleyball

WINTER

Boys' & Girls' Basketball
Boys' & Girls' Bowling
Boys' & Girls' Indoor Track
Boys' & Girls' Swimming*
Cheerleading
Ice Hockey*
Wrestling*

SPRING

Boys' Baseball
Boys' Tennis
Boys' & Girls' Spring Track
Girls' Softball
Golf

**Cooperative sports*