



MORAVIAN ACADEMY

Upper School Profile
2014-2015
CEEB 390335
www.moravianacademy.org

GEORGE N. KING, JR.
Headmaster
gking@moravianacademy.org

BRIAN D. KELLY
Director of Upper School
bkelly@moravianacademy.org

DANIEL J. AXFORD
Director of Admissions
daxford@moravianacademy.org

KATHLEEN WEEMS
Academic Dean
kweems@moravianacademy.org

LISA B. DUBREUIL
Director of College Counseling
ldubreuil@moravianacademy.org

KYLE M. SHAUGHNESSY
Assoc. Director of College Counseling
kshaughnessy@moravianacademy.org

THE SCHOOL: Moravian Academy is an independent, co-educational, college preparatory day school offering pre-kindergarten through twelfth grade. Accredited by the Middle States Association of Colleges and Schools and the Pennsylvania Association of Independent Schools, the Academy enrolls 770 students; approximately 300 study in the Upper School (grades 9-12). Moravian Academy traces its historical roots to the Moravian Church whose tradition affirms that young people best realize their potential in an atmosphere of love and understanding. We seek to promote the child's full development in mind, body, and spirit. Since 1742 our tradition has encouraged sound innovations to meet contemporary challenges while recognizing the permanence of basic human values.

ACTIVITIES: Moravian Academy is a member of the PIAA and participates in the Colonial League. Interscholastic sports teams for girls are: cross-country, field hockey, golf, tennis, soccer, basketball, swimming, lacrosse, and softball. The opportunities for boys include: cross-country, golf, soccer, basketball, swimming, lacrosse, tennis, and baseball. In addition, students can participate in football, wrestling, girls' volleyball, and track in co-operative programs with a local school. Special programs in theater arts, vocal and instrumental music, and the visual arts are available to all students. Community service is an integral part of school life and culminates with a senior year post-term experience. Many clubs and activities meet during and after school hours, including Model Congress, Model U.N., International Club, Scholastic Scrimmage, PA Junior Academy of Science Club, Outdoor Education, Debate Club, literary magazine, and yearbook. Student Council and class officers provide leadership in student government; MA Links are volunteers in the Admissions Office and the Development Office; Pride Mentors provide guidance to younger students. Students are encouraged to participate in international exchange programs and specialized summer programs that expand their talents and interests.

ACADEMIC PROGRAM: Graduation requirements for a Moravian Academy diploma:

English 9, 10, semester electives in 11, 12 (4 credits)
Algebra 1, 2, Geometry (3 credits)
Biology, Chemistry, and one additional laboratory science (3 credits)
World History 1, World History 2, United States History (3 credits)
Global Language – French, Mandarin Chinese, or Spanish (3 credits)
Ethics (.5 credit)
Fine and Performing Arts (grades 9, 10, 11)
Health (grade 10); Physical Education (grades 9, 10, 11, 12)

MARKING SYSTEM:

A = superior quality; 90 to 100	A+=4.33	B+=3.33	C+=2.33	D+=1.33
B = good quality; 80 to 89	A =4.00	B =3.00	C =2.00	D =1.00
C = satisfactory quality; 70 to 79	A- =3.67	B- =2.67	C- =1.67	D- = .67
D = minimal quality; 60 to 69				
F = not passing; below 60				

Required average for honor roll is 3.33; for high honor roll, 3.67. Advanced Placement and Honors courses are given an additional .5 when computing the averages for honor rolls and year-end averages. **The school does not rank students. The grade point average is computed each year; it is not a cumulative average.** A standard program includes five academic courses each semester.

SAT AVERAGE SCORES

	Reading	Math	Writing
Class of 2014	636	637	634
Class of 2013	637	656	650
Class of 2012	649	636	650
Class of 2011	656	658	655

For the Class of 2014 the middle fifty percent of scores ranged from 590 to 700 in Reading; 590 to 690 in Math; 580 to 690 in Writing

NATIONAL MERIT SCHOLARSHIP PROGRAM

	Finalist/Semifinalist	Commended
Class of 2014	5	5
Class of 2013	6	5
Class of 2012	1	11
Class of 2011	5	10

ADVANCED PLACEMENT SCORES AND INFORMATION

May 2014 – 125 students took 282 exams with 73% achieving a score of 3, 4, or 5; 24 students qualified for AP Scholars, 15 students qualified for AP Scholars with Honor; 14 students qualified for AP Scholars with Distinction

Class of 2015 – 64% of the Class has already completed one or more AP exams with a score of 3 or higher

AP Programs: English Language; English Literature; Calculus AB and BC; Statistics; United States History; European History; Biology; Chemistry; Physics; Environmental Science; Chinese Language and Culture; French Language and Culture; Spanish Language and Culture

OUTLINE OF COURSES**ENGLISH**

English 9, 10

English 11 and 12 consist of semester electives:

AP English Language (2 semesters)

AP English Literature (2 semesters)

Contemporary World Voices (fall semester)

Forensic Fiction: Mysteries, Detectives, Crimes (fall)

The Plays of Shakespeare: From Page to Stage (fall)

19th and 20th Century Psychological Fiction:

Oh, Horrors (spring semester)

Introduction to Film (spring semester)

Poetry (spring semester)

Short Story: The Power of Story (spring semester)

MATHEMATICS

Algebra 1

Algebra 2

Geometry or Geometry Honors

Pre-Calculus or Pre-Calculus Honors

Calculus

AP Calculus – AB and BC

Probability & Statistics (fall semester)

AP Statistics (spring semester)

Linear Algebra – Honors (spring semester)

Computer Science (spring semester)

SCIENCE

Biology

Chemistry or Chemistry Honors

Physics

AP Biology

AP Chemistry

AP Environmental Science

AP Physics

Microbiology (fall semester)

Zoology (spring semester)

Robotics (3 x weekly, 2 semesters)

HISTORY

World History 1

World History 2

United States History

AP United States History

AP European History

Microeconomics (fall semester)

Macroeconomics (spring semester)

Modern India (spring semester)

GLOBAL LANGUAGES

Chinese 1-4; AP Language & Culture

French 1-4; AP Language & Culture

Spanish 1-4; AP Language & Culture

FINE & PERFORMING ARTS

Art and Design

Ceramics 1, 2

Drawing

Painting

Introduction to Theater

Acting I – Fundamentals

Acting II – Styles

Acting III – Contemporary Scene Study

Theater Craft

Introduction to Woodworking

Advanced Woodworking

Woodworking: Community Service

Chorale; MA Chamber Singers

String Orchestra

Wind Ensemble

Jazz Band

MA Ringers; Hand Bell Ensemble

Construction of Music

(academic – full credit course)

Photography 1, 2, Advanced

Digital Publication

Film, Video and Digital Media

(academic – full credit course)

RELIGION / PHILOSOPHY

Ethics (spring semester)

PHYSICAL EDUCATION

Health; Driver's Education

PE Classes

HONORS COURSES: Geometry; Pre-Calculus; Linear Algebra; Chemistry

HIGH SCHOOL SCHOLARS PROGRAM: A limited number of academically accelerated seniors who have exhausted the school curriculum are invited to take a college course for credit on a full merit scholarship at Lafayette College, Lehigh University, Moravian College, or DeSales University; in recent years they studied Calculus III, computer science, and the fine arts.

COLLEGE MATRICULATION LIST – CLASS OF 2011, 2012, 2013, 2014

Albright College	Haverford College	Tufts University*
Bates College	Hobart and William Smith Colleges*	Temple University*
Boston College*	Indiana University of Pennsylvania	United States Naval Academy
Boston University*	Johns Hopkins University*	University of Alabama
Brown University	Kenyon College	University of California, Los Angeles
Bryn Mawr College*	Lafayette College*	University of Chicago*
Bucknell University*	Lehigh University*	University of Delaware*
Carleton College	Maine Maritime Academy	University of Maine
Carnegie Mellon University	Manhattan College	University of Maryland*
Clarkson University	Marquette University	University of Miami*
Colgate University	Marywood University	University of Michigan*
College of William and Mary	Millikin University	University of N. Carolina, Chapel Hill
Columbia University	Moravian College	University of Notre Dame
Cornell University*	Muhlenberg College*	University of Pennsylvania*
Dartmouth College	New England Conservatory of Music	University of Pittsburgh*
Davidson College*	New York University*	University of Redlands
DeSales University*	Northeastern University*	University of Richmond*
Dickinson College*	Pennsylvania State University*	University of Rochester*
Drew University*	Pratt Institute	University of St. Andrews, Scotland
Drexel University*	Princeton University	University of Scranton*
Duke University	Rice University	University of Southern California
Earlham College	Rochester Institute of Technology	University of Vermont*
East Stroudsburg University*	Roger Williams University	University of Virginia*
Eastern University	Rollins College	Ursinus College*
Elizabethtown College*	Rose Hulman Institute of Technology	Valley Forge Military College
Elon University*	School of Visual Arts	Vanderbilt University
Embry Riddle Aeronautical Univ.	Scripps College	Villanova University*
Emory University*	Siena College	Wake Forest University*
Fordham University*	Simmons College	Washington College
Franklin and Marshall College*	Smith College*	Washington and Lee University
Furman University	Southern Methodist University	Washington University in St. Louis*
George Washington University*	St. Joseph's University (PA)*	Wellesley College*
Georgetown University*	Stanford University	Wesleyan University
Georgia Institute of Technology	Susquehanna University	West Virginia University*
Gettysburg College	Swarthmore College*	Wheaton College (MA)
Hamilton College*	Syracuse University*	Williams College
Harvard University*	Temple University*	Worcester Polytechnic Institute
		Yale University*

*=more than one student matriculated

SUMMARY STATISTICS

	Class of 2011	Class of 2012	Class of 2013	Class of 2014
Number of students in the Class	70	62	75	75
Percent attending out-of-state colleges	54	50	52	67
Percent attending private colleges	84	76	84	84

Note: All students are prepared to attend four-year colleges and universities;
a few students may elect to take an interim year before beginning college

Moravian Academy does not discriminate on the basis of race, nationality, sex, sexual orientation, religious affiliation, or ethnic origin in the administration of its educational and admissions policies, financial aid awards, and athletic or other school-administered programs. Students who are disabled (or students' family members who are disabled), requiring any type of accommodation at any time, are encouraged to identify themselves and indicate what type of accommodation is needed.

SIGNATURE PROGRAMS

COMENIUS PROJECT – HONORS INDEPENDENT STUDY

This research opportunity for select juniors and seniors focuses on developing an academic project of personal interest that goes beyond the school's curriculum under the guidance of a teacher/mentor. Students submit a proposal detailing an outline of the material to be researched; the expectation is a minimum of 40 hours of research. The project is completed during the school year and concludes with a formal presentation to the members of the Academy's Curriculum Committee. Students earn Honors recognition; no academic credit is given.

MORAVIAN ACADEMY RESEARCH SCHOLARS (MARS)

MARS is a summer research program, created in partnership with the Department of Biological Sciences at Lehigh University. Selected students spend three to four weeks working with Lehigh University professors on original biological research that culminates with formal student presentations. The focus is on behavioral neuroscience, learning, and memory; students learn a variety of techniques, including small-animal husbandry, histology, and immunocytochemistry.

GLOBAL EXCHANGE PROGRAMS

There are three formal school exchange programs; the French Exchange is with the Lycee Notre-Dame Saint Sigisbert in Nancy, France; the Guatemalan Exchange is with private schools in Guatemala City; and the Spain Exchange is with St Pauls' School in Barcelona. All of the programs provide complete immersion in the daily life of that country, including living with a family, attending high school classes, and participating in cultural events. The length of each program varies from one to two months.

FILM, VIDEO, and DIGITAL MEDIA COURSE

The process of video production is explored through the pre-production planning of a shoot, techniques in videography, post-production editing, and effects. Students investigate a variety of film-making genres including: documentary, narrative, experimental process, and basic animation techniques. Many analog and digital tools are used for the creation of multiple short works with some longer pieces throughout the year. Opportunities for screening works to larger audiences occur throughout the year.

ROMERO CENTER URBAN CHALLENGE PROGRAM

Students selected for this urban, service-learning, immersion experience participate in an intense retreat opportunity in Camden, New Jersey. Focusing on reflection, community service, and educational activities, students confront the challenges of living in one of America's poorest cities. They interact with the harsh realities of poverty and then share their experiences with the school community through assemblies and programming.

OUTDOOR EDUCATION PROGRAM

Offered in the fall, winter, and spring, the primary activities include whitewater canoeing and rafting, hiking trips, and camping. Outings are scheduled with an increasing level of difficulty as the season progresses. The program consists of after-school sessions during the week, weekend day trips and weekend overnight trips.

WOODWORKING PROGRAM

Beginning with the basic elements of woodworking, students learn the techniques of both power and hand tools. Under the guidance of the teacher, an internationally renowned wood artist, students create innovative art. Emphasis is placed on originality and the skills necessary to bring a high level of sophistication to the ideas and the product.