



A DYNAMIC LEARNING COMMUNITY

North Miami Beach Academy: A company dedicated
to developing motivated students.

WELCOME TO

North Miami Beach Academy (NMBA)



FACILITIES

The North Miami Beach Academy is located at 16851 Dixie Hwy, North Miami Beach, FL 33160, USA adjacent to the Tennis Center North Entrance. It has two classrooms which can accommodate 30 students on a rotational basis.

The adjacent, nine-acre tennis center consists of:

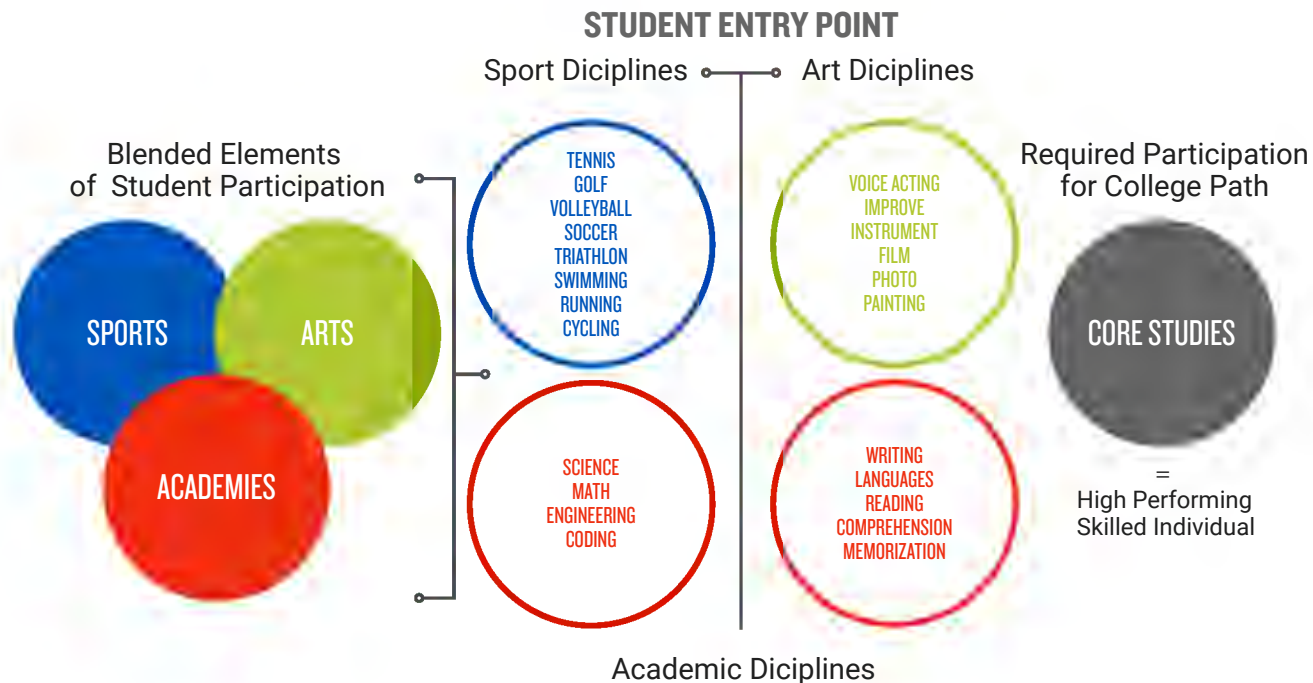
- 12 Classic Har-Tru Green Clay Courts
- 6 hard courts
- 4 racquetball courts
- 2 hitting walls

There is also a clubhouse pro shop with men's and ladies' restrooms, lockers and showers. Parking facilities include 14 spaces at the North entrance, 10 spaces at the Club House, and the use of the full public car park at the West Entrance, situated on West Dixie Hwy.

NMBA'S SCALABLE MODEL FOR LEARNING

Developing Skills • Competitive Competence • Social / Cultural Aptitude

Areas of Training/Specialization



Deliverables within the system are:

Respect - Responsibility - Individuality - Repetition - Work Load – Specificity – Variation

The Blend - Vehicles for Learning

The Discipline - Choose your Destiny

The Core - Path to College

We are excited to share the unique North Miami Beach Academies experience with you. Our school of learning is different from most, in that we believe that every student must have a discipline of focus when entering into the NMBA environment. That discipline or passion is the connecting point for engagement with every student. It's at this place where the learning process begins.

We are strong believers that a dynamic learning culture is achieved when the soft and practical skills of an individual are developed, then applied and measured within a competitive platform.

Individualization, skill development, and competitive competence are at the forefront of NMBA's educational philosophy. We value the strong connection that our school makes with its families, and are pleased to have the opportunity to share the history and vision of North Miami Beach Academy with you.

With more than 35 years in education, our blended approach ensures those who participate receive an excellent education, have the opportunity to attend some of the finest universities in the United States,

and become life-long learners with a keen interest in high achievement. North Miami Beach Academies and its principals have placed hundreds of students in colleges and universities throughout the United States, many on athletic and academic scholarship.

OUR SCHOOL MEETS THE HIGHEST STANDARDS OF EXCELLENCE.

NMBA is a registered accredited educational brick and mortar school with traditional classroom instruction utilizing an accredited curriculum in the State of Florida. NMBA is accredited by AdvancED Accreditation Commission, the NCA Commission on Accreditation and School Improvement, the Northwest Accreditation Commission, and the SAC's Commission on Accreditation and School Improvement.

Here at NMBA it is important to us that every student has a passion and an area of focus. At the crux of our approach are three blended elements: Sports, Academics, and the Arts.

Within each of these components, there are subjects of specialty, or focus, for example, tennis, golf, engineering/math/ coding, writing/languages, or acting/improvisation, voice, instrument/reading, music/writing, music/ film, photo/drawing painting/sketching, dance, and culinary. Within the areas of specialty, the student participates in their area of major 5 hours per day in one 2 hour and one 3 hour block of time. The other segments of the model are the core required studies. The student participates in core studies 6 hours per day in 2-hour blocks of time.

Core studies include Math, English, Science, Social Studies, History, Languages, PE, and other electives. NMBA is a skill oriented competitive learning based program.

NMBA currently operates a highly regimented and customized brick and mortar delivery with a very low teacher to student ratio of 1:6-1:8 as well as 1-20 lecture sessions. Each student attends class 5.5-6 hours per day Monday through Friday with no academic session Friday night. In addition, attendees study in their discipline of choice, utilizing on- site facilities, 5 hours per day.

Monday- Friday the typical day is 2 hours of class and 2 hours of sport, art or academic academy training in the morning, 2 hours of academic class and 3 hours of sport training in the afternoon and 2 hours of class in the evening classes are Monday–Thursday).

There are also Saturday classes for those wanting to advance or in need of further individualized support. The classrooms are set up with multiple U-shaped and rectangular desks, with 1 teacher and 8 students at each desk.

In other words, the teachers are at the desks, on their feet, working with the students in the subject that they are teaching during class hours. It's a regular school setting, the only difference being that there are multiple teachers in the same classroom, offering group and individualized support.



ADMISSIONS

Our admissions coordinators are here to help.

NMBA is different than most schools. Because of its custom individualized approach, NMBA is committed to understanding the goals of the family, as well as the student, throughout the admissions process. Due to our blended approach, NMBA is able to offer many options in the various areas of specialty. Which means that the student has flexibility in determining and adjusting their learning journey while enrolled in the Academy. NMBA's calendar is from August to the end of May. However, NMBA offers rolling admissions, allowing a student to join the academy in the fall, spring, or summer semesters.

The admissions process is an opportunity for our staff to learn about the student's needs, interests, educational goals, learning style, and specific areas of interest. The process includes the following steps:

- 1. The NMBA Admissions sends all forms and applications to the parents of the potential student.**
- 2. NMBA Admissions speaks with the family to understand the student's needs, gathers pertinent data from the parent and student, and presents an overview of our course offerings.**
- 3. Our Admissions identifies courses and/or grade-level programs that would potentially meet the student's needs.**
- 4. Upon agreement to move forward with transcript assessment and academic planning (if NMBA will be the school of record), full-time students pay a registration fee as the next step in the admissions process.**
- 5. Once the family supplies NMBA school with academic transcripts from the student's previous school, students have the option of taking a Learning styles profile and are asked to complete any assessments necessary for proper course and grade-level placement.**
- 6. After reviewing the Learning styles profile, assessment results, and records from previous school(s), the Head of Academic Development creates an individualized academic plan for the prospective full-time student.**
- 7. Once the tuition payment has been received, and upon arrival for the start of class, a welcome letter is sent to the family, student receives times of his/her scheduled classes, and is welcomed and introduced to his/her teachers and fellow students. The newly enrolled student may begin class immediately.**

REQUEST FOR STUDENT RECORDS

In order to process an enrollment, our admissions office requires report cards or transcripts for students entering 7th and 8th grades. For students entering high school, official transcripts are required before enrollment can be completed.

If you have questions, please contact us at 305-919-0839 to speak with the registrar's office.

COMPREHENSIVE ASSESSMENT

Assessment is a vital part of the North Miami Beach Academies educational process.

DIAGNOSTIC ASSESSMENT

Diagnostic assessments are designed to provide parents, students, and teachers with specific information about what skills the student has and has not mastered. The results empower students, parents, and Teachers to pinpoint, assign, and review those areas the student must master before moving on to more complex concepts.

LEARNING STYLES PROFILE

North Miami Beach Academies assesses five aspects of learning styles to develop a Learning Styles Profile specific to each child. The profile helps parents better understand their child's blueprint for learning and offers helpful study tips and techniques. By understanding their child's learning style, parents can help their children excel not only in school, but also in life.

Families may request an in-depth phone consultation for an additional fee, during which a learning style coach with advanced training reviews the Learning Styles Profile and discusses how the results could be applied to a student's individual learning goals. During this consultation, families learn how to implement data from the Learning Styles Profile to support student success in specific courses.

ONGOING ASSESSMENT

Our approach is mastery-based, and students need to demonstrate that they understand assignments and courses. In this light, we have developed a student-centered approach to assessment that helps us better understand each child and measure the effectiveness of our courses.

All students participate in Performance Series assessments in the first and last lessons of their English and Math courses. These assessments play a crucial role in monitoring student growth and measuring school improvement. Performance Series assessments provide adaptive content so that each learner is assessed according to their own skill levels. Students access the assessments within their course material in the Learning Management System (LMS).

In addition to being convenient and suited to personalized learning, the assessments give immediate feedback on students' individual progress toward core objectives. The detailed reports also feature norm referencing to compare NMBA to the rest of the nation. A parent summary is included.

//

**THE RESULTS
EMPOWER STUDENTS,
PARENTS, AND
TEACHERS.** //

LEADERSHIP

The learning team.



GREGORY C. BREUNICH - CEO | PRINCIPLE

(Florida, USA) – Founder and Principal, Managing Director of Club Med Academies www.clubmedacademies.com and the Beach Volleyball Academy at CMA (Current), formerly Senior Vice President IMG (21 years 1978 - 2009), Managing Director IMG Academy (30 years), Managing Partner minority interest IMG Academy LLP.

Co-founder of Nick Bollettieri Tennis Academy, Founder- David Lead better Golf Academy, IMG Soccer Academy, IMG Basketball, Academy, IMG Baseball Academy, IMG International Performance Institute, IMG Academy (Pendleton School), Bollettieri Sports Medicine Institute, IMG Mountain Sports Academy (Speed Skiing, Snow Boarding, Free Style), Bollettieri Development Co., Academy Park Development Company, IMG Academy Golf and Country Club, Legends Bay Development Co., Legends Cove Development Co.

Co-Developed Sagemont Online High School (private labeled University of Miami Online High School later acquired re-named Kaplan Online High School) & Virtual Sage (Online academic curriculum publishing company), Founder Med Group development company, Co- Founder of NVL Academy LLC, Founder Trans World Performance LLC, SpAEd LLC.



SCOTT DEL MASTRO - DOO | PRINCIPLE

(Florida, USA) - The owner and operator of the International Tennis Academy (ITA) in Delray Beach, FL, for 14 years (1996- 2010), Del Mastro is a Founder and a Principal of Club Med Academies (CMA) who brings 20 years of coaching and training professional of junior athletes on the ATP, WTA, ITF, and National Domestic and World circuits.

Scott, whose training specialties include energy management, footwork and movement, mental conditioning, and fitness, earned his bachelor's degree in Psychology and his master's degree in Sport Psychology, with an emphasis in Biomechanics.

Both of his degrees were procured from San Diego State University. He is an international speaker and also has developed strong affiliations with Tianjin Tennis Center, in Tianjin, China, one of the most well-respected tennis training centers in China.



POLLY GRUNFELD-SACK

(Cleveland USA) – Gate House Media, Inc. General Counsel, Senior Vice President, Corporate Secretary, Compliance Officer, Formerly Senior Vice President and Director of Mergers and Acquisitions of IMG Worldwide, Inc. (“IMG”), global sports, media and entertainment company, also served as IMG’s associate counsel and a vice president from 1992 to 2001.

Prior to IMG, worked in private practice at Skadden, Arps, Slate, Meagher & Flom in their merger and acquisitions department. Holds bachelor’s degrees in civil engineering and mathematics, a master’s degree in civil engineering, and a law degree (MIT, Stanford University).



PETER DUVINAGE - GENERAL COUNCIL | PRINCIPLE

(Munich, Germany) - 20 plus years in media Business, Created Axel Springer Verlag and Leo Kirch in creation of ISPR, International Sportrechteverwertungsgesellschaft mbH, National and international exploitation representation of German “Bundesliga” and other international soccer leagues.

Client representation of national and international corporate sports rights consisting of advisory 3 in all media matters sponsorship and endorsement (e.g. Diamler Benz, T-Systems, etc.).

Specialist in media start-ups company structuring, investor sourcing, Client Management famous celebrities, (e.g. Boris Becker, Heidi Klum).

ADVISORY



DANIEL BEAUVOIS

(Belgium, South of France) Master in Social Communications (University of Brussels) twelve year within the computer industry in various marketing and communications management positions (1980-1991)

Founding managing director of ISPR GmbH in Munich (Germany) (1991-1997) managing director of ISL Television (London) and of the ISMM Group (Zug, Switzerland) (1997-2001) sailed from France to Australia (2004- 2007) since 2008 consultant with Profile Partners Ltd (London) advising, inter alia, the International Association of Athletics Federations (IAAF) on their international broadcasting rights.



Sara Gauvreau

Sara Gauvreau the Director of the North Miami Beach Academy program handling operations day to day. She has master degrees in Applied Human Nutrition and Marketing, Sara is a Nutritionist, Athletic Performance Specialist, Personal Trainer, and Balance Training Expert.

Sara has 18 years of experience working in Europe, South America and North America with amateur and professional athletes and students all ages from around the world. She enjoys and embraces the challenges associated with helping young individuals achieve and pursue their dreams.

Her mission is to work closely with the coaching and teaching teams to ensure students always come first and progress to their full potential both in their academics and area of specialization while in pursuit of their longterm goals.

THE STUDENT SERVICE DEPARTMENT

When students enroll, our team of professionals guides them through the orientation process. Students are enrolled in an orientation course that is appropriate to their grade level and enrollment status (full-time or part-time), which acclimates them to NMBA and its learning process. Student Services welcomes families, answers questions during the orientation process and provides training and support for the NMBA learning method. To ensure student success, families are encouraged to communicate with student services via a variety of methods.

Throughout the year, student services pro-actively monitor student activities while in residence, encouraging and promoting time management progress and assistance where needed with the students' demanding daily schedules of in-class and on the playing field regimen. The department ensures that students uphold the Academies' code of conduct and demands of the programs delivered on-site daily throughout the year.

NMBA families are highly diverse and come to NMBA in North Miami Beach, Florida, from areas throughout the United States and around the world. Regardless of where our students are from, the Academy community shares the same passion for excellence in all facets of learning.

Families, teachers, and staff believe that educational achievement should not be limited, and by allowing the student to form their own educational goals, the results are more attainable and meaningful to the student. For decades, families have turned to NMBA to participate in a high performance, high achievement environment.

Parents who enroll their children in NMBA seek a personalized approach that meets their child's learning style, block scheduling, and a social and physical environment that is conducive to true learning.

“PARENTS PLAY AN ESSENTIAL ROLE IN PREPARING STUDENTS FOR ACADEMIC SUCCESS.”

In the NMBA learning environment, students, coaches, and parents work together, all with a more active role, dedicated to helping the child achieve. Being a successful learner requires self-motivation, a commitment to time management, and a desire to achieve.

Effective communication between parents, students, teachers, and coaches is the key to creating a learning team that ensures student success.

Our educational model for learning encourages students to develop strong skills and a heightened sense of intrinsic motivation. As a result, students pursue their personal goals and interests in a very intense way, experiencing an amazing preparatory education and becoming primetime competitors ready to tackle all that they encounter.

TEACHER FOUNDATION

TEACHERS PROVIDE SUBJECT MATTER INSTRUCTION

Students participate in cooperative learning with multiple teachers in class who guide them through the learning process by personalizing the student's educational experience during school hours. NMBA teachers are fully qualified, experienced professionals, many of whom possess advanced degrees and are well versed in blended learning education.

NMBA teachers are credentialed, possess strong subject area expertise, and demonstrate a passion for teaching. At the core, our teachers' goal is the understanding of teaching as a collaborative process, rather than just the delivery of instruction and assessment of student work.

NMBA understands the goal of education is to encourage students to discover and develop their interests, talents, and natural gifts. This approach inspires students to become active learners who think independently, communicate effectively, and see themselves as members of a global community. NMBA teachers provide students with the necessary skills to become independent learners and self-directed individuals, confident about their life journey in education.

GRADES AND FEEDBACK

Our Director of Academics keeps in frequent contact with students and NMBA teachers provide feedback, making comments that address each student's areas of strength and challenge with expertise and compassion. Grades and student progress are viewed and shared with students and parents in our user friendly, interactive grade book.



KEEPING IN TOUCH AND PROVIDING SUPPORT

Our Director of Academics keeps in frequent contact with students and parents, responding to questions through our interactive grade book, phone, email, video conferencing, skype, or mail. Teachers support students in personalizing curriculum, advising academic strategies, and setting up guidelines for communication. In order to support the learning and strategies for student success, the student's teachers also keep in contact with each other while supervised by the Director of Academics.

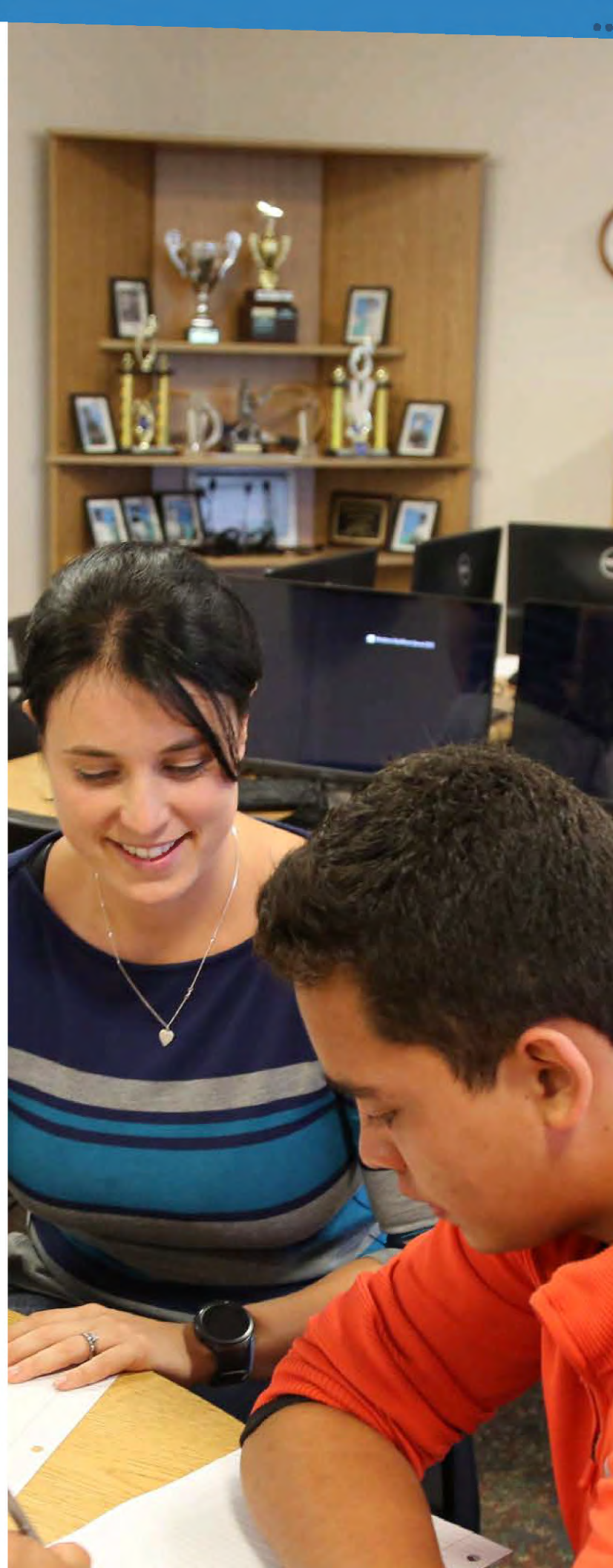
STUDENT TO TEACHER RATIO

NMBA is a brick and mortar school both mastery and cooperative based with a teacher to student ratio of 1 teacher for every 4 to 8 students. Imagine multiple students with multiple teachers in the same classroom setting - learning, lecturing, and sharing together. This approach inspires our students to become active learners who think independently, communicate effectively, and see themselves as capable learners.

SCHOOL AND CLASSROOM HOURS OF OPERATION

NMBA academic classroom operation is from:

7:30am to 5:00pm daily
Monday – Friday.



TEACHER SERVICES



PROVIDING SUPPORT

North Miami Beach Academy is dedicated to an individualized education for every child. In order to accommodate the variety of grade levels and skill levels, North Miami Beach Academy (NMBA) uses a Blended delivery system.

Research shows that Blended education is superior to either online education or face-to-face education. Blended Learning allows students in a brick and mortar setting to learn at their own pace at their own level. Students are mentored by certified teachers in their classrooms as they navigate the curriculum.



LIVE SUPPORT AND INTERACTION

The traditional teacher-centered classroom often finds the teacher teaching to the middle of the class, guaranteeing that some students fall behind. At NMBA, students are always working at their level, never behind or ahead of their skill level. The certified teacher in the classroom monitors student progress in real time and at the end of the day.

Once a week the certified teacher works with each student individually to reflect on their effectiveness with each content area. Text based or online learning can be boring and tedious. The NMBA Blended environment removes the negatives associated with learning by the use of a certified teacher to motivate, encourage, and mentor each student based on that student's needs. This truly individualized learning becomes a team effort. Relationships between student and professional educator become the key element that spurs academic excellence.



PERSONALIZATION

Often times in traditional school, the time right before lunch, right after lunch, and right before dismissal become a time where students are easily distracted. At NMBA, students are in class two hours each morning, two hours each afternoon, and two hours each evening.

This schedule allows concentrated effort without boredom. Each student is involved in a sport. That sport activity is two hours each morning, two hours each afternoon, and one hour each evening. This mixture of sport and academic rigor dispersed over the course of the day maximizes efficiency in both sport and academics.

NMBA is a non-boarding school. Each teacher is also engaged in student life. The mixture of sport and academics, and the presence of faculty evening and weekends is another strong building block of the relationships that make our learning environment superior. We truly are a family of students, teachers, and administrators with the same goal in mind, academic and athletic excellence.



CUSTOMIZATION

NMBA takes the best elements of education and makes those elements the foundation of our school. We individualize education. We use technology to accelerate learning.

We use professional educators to personalize the learning. Sport allows our student/ athletes to function at peak intellectual and physical ability. NMBA is excellence in education.

SOCIAL LIFE & COMMUNITY

**A wide variety of activities encourage students to create
Lasting friendships within a global community.**

**SOCIAL LIFE AT NORTH MIAMI BEACH ACADEMY CAN BE
VERY REWARDING FOR STUDENTS WHO WANT TO EXPAND
THEIR HORIZONS. NORTH MIAMI BEACH ACADEMY STUDENTS
ARE PASSIONATE ABOUT THEIR EDUCATION,
TALENTS, INTERESTS, AND GOALS.**

NATIONAL HONOR SOCIETY

North Miami Beach Academy School is proud to be a part of the National Honor Society (NHS). Since its inception in 1929, the National Honor Society has recognized outstanding high school students whose accomplishments go beyond excellent academic performance and include exceptional leadership, service, and character qualities.

We take great pride in the accomplishments of our students who have achieved this premier distinction. The North Miami Beach Academy affiliation with the National Honor Society provides a unique forum in which the student leaders of our school can participate in service learning projects.

North Miami Beach Academy honors its new National Honor Society members with the traditional induction ceremony. This event is a milestone for students who have worked hard to meet NHS requirements and have completed challenging coursework and projects.

The induction ceremony is a wonderful way for these students to celebrate their accomplishments as a group. North Miami Beach Academy joins family members to honor students' academic and personal achievements.

NATIONAL JUNIOR HONOR SOCIETY

The National Junior Honor Society (NJHS) is the national organization that acknowledges outstanding middle school students beginning in the 7th grade. These students have demonstrated excellence in the areas of scholarship, leadership, service, character, and citizenship.

The North Miami Beach Academy School makes sure that NJHS is open to all eligible students who meet scholastic and character requirements. An official induction ceremony is held annually for NJHS students and their families.

GRADUATION

Each year, North Miami Beach Academy hosts a graduation ceremony, where students have the opportunity to celebrate this milestone with their classmates and the school staff. Students from around the world often attend the commencement ceremony, which is complete with caps, gowns, and diplomas.

The graduation ceremony is personal for graduates and families because it features inspiring statements from teachers about their experiences with graduating students.

COMPETITIVE SCHEDULES

North Miami Beach Academy students attend events competing regionally, nationally and internationally throughout the year students and parents attend many of these events. With North Miami Beach Academy staff traveling with, coaching, monitoring and supporting NMBA student competitors all along the way.

SOCIAL ACTIVITIES

North Miami Beach Academy offers its students and families opportunities to collaborate and make friends and participate fully NMBA's experience both within the confines of the property as well as within a secure network via Edufi a communication network used by many schools to connect the student body, teachers, coaches and parents.

On-site at North Miami Beach Academy and within the edufi network, students may:

- Participate in clubs and find new friends
- Participate in all of the NMBA programming activities on site at the academy such as visual arts, theatre, sailing, paddle board, golf, tennis, beach volleyball, book clubs, circus, culinary, photo, film, etc.
- Pair up with study buddies
- Post blog updates regarding their portfolio coursework and share their creative expressions

The social and cultural activities on site have proven to be a wonderful way for students to form lasting friendships based on mutual inspiration and respect that span state and national boundaries.

GUEST SPEAKERS

North Miami Beach Academy students are invited to attend our series of lectures on site as well as online, which are called "Meetings with Remarkable Men and Women." These exclusive live events feature inspiring stories from celebrated leaders in their fields.

Symposia guests have included a best in class world renowned athletes, sports psychologists, photographers, scientist, astronaut, an award-winning documentary film director, a South Pole explorer, and an environmental activist.

During the symposium, students are encouraged to ask questions, offer comments, and engage in discussions with peers and experts.

CLUBS

Clubs are a key part the North Miami Beach Academies' school community, deepening relationships and providing students with the chance to work collaboratively. Clubs offer full-time students the opportunity to connect and socialize with other students who share their same interests, talents, and goals.

Students gather in a stimulating, inviting, safe, and secure environment, where they can engage each other and dive more deeply into subjects that interest them.

Students work together on projects and activities with the guidance of experienced, dynamic teachers.

**CLUBS DEEPEN
RELATIONSHIPS AND
PROVIDE STUDENTS
WITH THE CHANCE
TO WORK
COLLABORATIVELY.**

EXAMPLES OF CLUBS INCLUDE:

KINDERGARTEN THROUGH GRADE 6

COOKING CLUB
GARDENING CLUB
KITCHEN SCIENCE CLUB
MUSIC CLUB
PEN PAL CLUB
PET CLUB
PHOTOGRAPHY CLUB
SONGBIRDS CLUBS (GRADES 5-8)
SPORTS CLUB
STORYTELLING CLUB
SUPERSTAR CLUB
WORLD CURRENT EVENTS CLUB (GRADES 4-8)
WORLD LANGUAGES CLUB (GRADES K-2 & 3-6)

GRADES 7 THROUGH

12 ART CLUB
BOOK CLUB
COMPUTER APP CLUB
CRAFT CLUB
CREATIVE THINKING CLUB
CREATIVE WRITING & PHOTOGRAPHY CLUB
DEBATE CLUB (GRADES 9-12)
ENVIRONMENTAL CLUB
EQUESTRIAN CLUB
FASHION CLUB
FILM & THEATRE
CLUB FRENCH CLUB
GARDENING CLUB
MODEL UN CLUB
MUSIC CLUB
SONGBIRDS CLUB
TRAVEL CLUB

HIGH SCHOOL COLLEGE PREP PROGRAM

NORTH MIAMI BEACH ACADEMY PREPARES STUDENTS TO ENTER THE COLLEGE OF THEIR CHOICE.

North Miami Beach Academy is a private high school that offers a complete selection of core academic and elective courses required for graduation and admission to college. We emphasize critical thinking throughout our high school courses so that students are prepared for the rigor of college-level academics.

The NMBA advantage is in the relationships students cultivate with teachers, counselors, admissions coordinators, and peers. North Miami Beach Academy combines all the benefits of a traditional private school with the flexibility of personalized distance learning.

We offer extensive options to our full-time students for a complete private high school experience:

- Admissions coordinator services
- Advanced Placement (AP) courses
- All textbook and online course materials
- Clubs and community
- College and life planning seminar
- College prep courses
- Course-specific diagnostic assessments
- Diagnostic assessment for placement
- Electives, including World Language courses
- Expert school counseling services
- Interactive Learning Management System
- Learning Styles Profile & ongoing assessment
- NCAA approved courses
- Parent support services
- Personalized learning approach
- Prom & Graduation ceremony
- Records and Transcripts
- Regional face-to-face events
- Asynchronous, mastery-based learning
- Student support services & office hours
- Symposia with guest speakers
- Teacher support services
- Classroom providing individualized multi teacher academic assistance
- Dual Enrollment (IRSC) • National Honor Society

Our high school academic program prepares students for successful experiences in college and beyond, ensuring that they have essential 21st century skill development.

COURSE POSSIBILITIES AND OPTIONS

Our school offers exceptional course and curriculum options for the college-bound student.

COLLEGE PREP AND HONORS COURSES

NMBA offers digital textbook-based curriculum options. Our high school courses combine the interactivity of the web with on- and off-line assignments. Our courses feature materials carefully chosen for their academic quality and suitability for a wide range of learning styles.

College prep courses have been thoughtfully designed so that successful completion prepares students for college-level courses at the most demanding colleges and universities. In addition, our school provides a wide range of honors courses, which meet the needs of college-bound students seeking a challenging academic curriculum.

The honors program takes college prep courses to the next level by focusing on critical thinking, research and writing skills, and creative application of ideas.

ADVANCED PLACEMENT COURSES

Our school provides a wide variety of advanced placement (AP) courses, enabling students to take college-level courses and exams and earn college credit or placement while still in high school.

Advanced placement programs emphasize vocabulary development, critical thinking, problem solving, expository writing, and research. Excellent AP exam scores enable many NMBA graduates to be exempt from entry-level courses in college.

WEEKLY, SUMMER, SINGLE COURSE ENROLLMENTS

As an accredited school, NMBA has an excellent track record of providing college prep courses to students who need to address issues of scheduling and availability. Whether students wish to take World Language or AP courses that are not offered at their school, or want to get ahead by attending our SUMMER CAMP PROGRAMS, NMBA offers flexible, high-quality courses that meet students' academic needs. Our staff has decades of experience working with students' primary school to ensure that credits from NMBA courses are transferred to the student's high school transcript.

PART-TIME, SUMMER CAMP, AND SINGLE COURSE ENROLLMENTS

As an accredited school, North Miami Beach Academy has an excellent track record of providing college prep courses to students who need to address issues of scheduling and availability.

Whether students wish to take World Language or AP courses that are not offered at their school, or want to get ahead by taking courses during the summer, North Miami Beach Academy offers flexible, high-quality courses that meet students' academic needs.

Our staff has decades of experience working with students' primary school to ensure that credits from North Miami Beach Academy courses are transferred to the student's high school transcript. North Miami Beach Academy is the perfect fit for students who wish to combine, student-centered courses with their primary school's academic program.

NORTH MIAMI BEACH ACADEMY ADVANCED PLACEMENT COURSES INCLUDE THE FOLLOWING TITLES:

AP ART

AP HISTORY

AP CALCULUS

AP CHEMISTRY

AP COMPUTER SCIENCE

AP ENGLISH

AP EUROPEAN HISTORY

AP ENVIRONMENTAL

AP SCIENCE

AP FRENCH

AP MACROECONOMICS

AP MICROECONOMICS

AP PSYCHOLOGY

AP SPANISH

AP STATISTICS

AP U.S. GOVERNMENT & POLITICS

AP U.S. HISTORY

AP WORLD HISTORY



GRADUATION REQUIREMENTS

High school students can create a course of study personalized for their interests and goals. To earn a college prep academic diploma, students must complete 23.5 credits of academic and elective courses. Students earn one credit (one year) for each 36-week course.

COURSE REQUIREMENTS

The recommendations shown below provide a foundation from which students may begin planning for their high school course selection. College admissions policies and academic requirements vary widely. The sample course requirements and recommendations are not specific to any particular college or university. Our AD and Head of Academic Development help tailor the course list to match a student’s specific goals.

College Prep Track 1

Minimum requirements for admissions into moderately selective colleges

SUBJECT

ENGLISH
MATH
SOCIAL STUDIES
SCIENCE
FINE ARTS
WORLD LANGUAGE
PHYSICAL EDUCATION
HEALTH
ELECTIVE
TOTAL

YEARS	CREDITS
4	4
3	3
4	4
2*	2
1	1
2	2
2	2
.5	.5
4	5
	23.5

*Includes a one-year lab

College Prep Track 2

Upper-level requirements in preparation for admission into more selective colleges

YEARS	CREDITS
4	4
4	4
4	4
3*	3
1	1
3	3
2	2
.5	.5
2	2
	23.5

*Includes a two-year lab

• Math must include, at a minimum, Algebra 1, Geometry, Algebra 2, or higher-level Math. • World Language must be two years of the same language.

HIGH SCHOOL PROGRESSIONS

North Miami Beach Academies' high school students are provided with recommended academic plans to help them achieve their goals for college and career. The following course progressions in the core subject areas are used as a guide for families to understand how their children could progress through high school.

These course progressions can be adapted to suit each student's unique abilities and needs. In addition, these progressions are only intended to demonstrate one option on path for graduation. Most high school courses carry NCAA and State of Florida approval; please contact your admissions coordinator to learn more.

ENGLISH

- 9th English 1 Fundamentals and English 1 Honors
- 10th English 2 Fundamentals and English 2 Honors
- 11th English 3 Fundamentals and English 3 Honors
- 12th English 4 Fundamentals and English 4 Honors

SOCIAL STUDIES

- 9th World Cultures Honors – Geography Honors
- 10th World History Honors
- 11th US History Honors
- 12th Economics Honors and Government Honors

MATH

- 9th Algebra 1 Honors
- 10th Geometry Honors
- 11th Algebra 2 Honors or Pre-Calculus Honors
- 12th Pre-Calculus Honors or Calculus Honors

SCIENCE

- 9th Earth Science Honors or Biology Honors
- 10th Biology Honors or Chemistry Honors
- 11th Chemistry Honors
- 12th Physics Honors



NMBA COLLEGE PLACEMENT 2012-2023

Penn University

North Texas University

George Mason

University of Kentucky

Queens University

Rollins University

SIUE

Erskine College

University of Denver

Boston University

Washington State University

Wright State University

Boston University

Wingate University

Middle Tennessee State

Kennesaw State University

Saint Johns University

Limestone College

Harvard University

Oregon

Loyola University

Boston College

William and Mary

North Carolina Towson

LeHigh University

University of North Carolina

Towson University

Florida Atlantic University

University of Florida

University of South Florida

University of California Davis

University of Hawaii

University of Central Florida

North Miami Beach Academy School

2023-2024 COURSE CATALOG GRADES 9-12



HIGH SCHOOL

COURSE OFFERINGS

ENGLISH

Available as either semester or full year unless noted.

GRADE 9

English 1 Fundamentals- 1001310

English Fundamentals is a literature-based language arts development course. Students learn fundamental skills in reading, writing, and thinking, based on the reading and analysis of high quality works of fiction and nonfiction by the greatest authors of the past and present. Each of the textbook's 12 unit's centers on a genre to ensure a well- rounded grounding in reading comprehension and the craft of writing.

Exercises emphasize basic areas for developing language arts skills including reading for information and appreciation, writing in multiple genres, revising and editing one's work, building vocabulary, and creating rich and varied sentences.

Each lesson begins with a thematic question or "big idea" based on some aspect of human nature that is explored through the reading. Students also engage in a variety of deeper learning activities from reading and writing essays and a formal research paper to writing poetry, creating collages, and creating multimedia presentations.

College Prep • NCAA Approved

English 1 Honors-1001320

Honors English Fundamentals is a literature-based language arts development course. Students learn fundamental skills in reading, writing, and thinking, based on the reading and analysis of high

quality works of fiction and nonfiction by the greatest authors of the past and present. Each of the textbook's 12 units centers on a genre to ensure a well-rounded grounding in reading comprehension and the craft of writing.

Exercises emphasize basic areas for developing language arts skills including reading for information and appreciation, writing in multiple genres, revising and editing one's work, building vocabulary, and creating rich and varied sentences.

Students also engage in a variety of deeper learning activities from reading and writing essays and a formal research paper to writing poetry, creating collages, and creating multimedia presentations.

The course also includes four full-length readings — *Pride and Prejudice*, *Fahrenheit 451*, *To Kill a Mockingbird*, and *Romeo and Juliet* — which are discussed for their thematic content.

As an honors level course, students are required to complete several papers of 1500 words or more. Students are also challenged to analyze the readings and synthesize information to express their own ideas about them.

College Prep • NCAA Approved

GRADE 10

English 2 Fundamentals-1001340

Students strengthen skills in reading, writing, and thinking, based on the reading and analysis of high quality works of fiction and nonfiction by celebrated authors from around the world.

Each of the textbook's 12 units centers on a different approach to the study of literature to ensure a well-rounded grounding in the discipline of English. Exercises emphasize fundamental areas for developing language arts skills, including reading for information and appreciation, writing in multiple genres, revising and editing one's work, building vocabulary, and creating rich and varied sentences.

The course also includes four full-length readings—*Lord of the Flies*, *Things Fall Apart*, *Antigone*, and *The Little Prince*—which are discussed for their thematic content.

Students also engage in a variety of deeper learning activities, from reading and writing essays and a formal research paper to writing poetry, authoring children's books, and creating playbills.

College Prep • NCAA Approved

English 2 Honors - 1001350

Students strengthen skills in critical reading, writing, and thinking, based on the reading and analysis of high quality works of fiction and nonfiction by celebrated authors from around the world. Each of the textbook's 12 units centers on a different approach to the study of literature to ensure a well-rounded grounding in the discipline of English.

Exercises emphasize fundamental areas for developing language arts skills including reading for information and appreciation, writing in multiple genres, revising and editing one's work, building vocabulary, and creating rich and varied sentences.

The course also includes six full-length readings - *Lord of the Flies*, *Things Fall Apart*, *In the Time of the Butterflies*, *The Sound of Waves*, *Antigone*, and *The Little Prince*—which are discussed for their thematic content. Students also engage in a variety of deeper learning activities from reading and writing essays and a formal research paper to writing poetry, authoring children's books, and creating playbills.

College Prep • NCAA Approved

GRADE 11

English 3 Fundamentals - 1001370

Students will explore the American literary canon, from Native American and colonial authors to contemporary social criticism. As part of the course, students study the historical and biographical context for literary texts, key literary terms and concepts, and vocabulary and etymology.

Students also write a 1500-word paper to conclude each unit. Genres addressed include the persuasive essay, the reflective essay, the comparison-contrast essay, the biographical narrative, the literary analysis, and the research paper.

In addition to assigned readings from the textbook, students also read four full-length literary works and complete a milestone assessment for each independent reading assignment. This course is designed to meet Florida Academic Content Standards for 11th grade.

College Prep • NCAA Approved

Honors English 3 - 1001380

Students will explore the American literary canon, from Native American and colonial authors to contemporary social criticism. As part of the course, students study the historical and biographical context for literary texts, key literary terms and concepts, and vocabulary and etymology. Students also write a 1500-word paper to conclude each unit.

Genres addressed include the persuasive essay, the reflective essay, the comparison-contrast essay, the biographical narrative, the literary analysis, and the research paper. In addition to assigned readings from the textbook, students also read four full-length literary works and complete a milestone assessment for each independent reading assignment.

This course is designed to meet Florida Academic Content Standards for 11th grade English Course Requirements.

College Prep • NCAA Approved

GRADE 12

English 4 Fundamentals-100400

In British Literature, students explore the British literary canon, from Beowulf to post-colonial writers, such as Anita Desai. As part of the course, students study the historical and biographical context for literary texts, key literary terms and concepts, and vocabulary and etymology. Students also write a 1500-word paper to conclude each unit.

Genres addressed include the comparison-contrast essay, the cause-and-effect essay, the persuasive essay, narrative fiction, the biographical narrative, and the research paper. In addition to assigned readings from the textbook, students also read four full-length literary works and complete a milestone assessment for each independent reading assignment. This course is designed to meet Florida Academic Content Standards for 12th grade English.

College Prep • NCAA Approved

English 4 Honors-100410

In Twelfth Grade Honors English, students explore the British literary canon, from Beowulf to post-colonial writers such as Anita Desai. As part of the course, students study the historical and biographical context for literary texts, key literary terms and concepts, and vocabulary and etymology. Students also write a 1500- word paper to conclude each unit. Genres addressed include the comparison- contrast essay, the cause and effect essay, the persuasive essay, narrative fiction, the biographical narrative, and the research paper.

In addition to assigned readings from the textbook, students also read six full-length literary works and complete a milestone assessment for each independent reading assignment. As an honors level course, 12th Grade Honors English contains more reading questions requiring a high level of critical thinking, more writing assignments, and a heavier reading load than the standard version. This course is designed to meet Florida Academic.

**Content Standards for 12th grade English.
College Prep • NCAA Approved**

AP ENGLISH

GRADES 11 - 12

11th AP English Language + Composition

In AP English Language and Composition, students will be challenged to effectively read and analyze a challenging and complex variety of texts: novels, essays, letters, speeches, and images. The course focus is primarily on expository, analytical, and argumentative writing. Students will read widely and reflect on their readings through extensive discussion, analysis, and writing. Students will explore the depth and breadth of the English language in both the writing of others, and in their own writing.

In order to write an effective essay, and analyze the works of others, this course will cultivate the use and importance of language, including syntax, imitation, word choice, and tone. They will be required to write both formally and informally. In preparation for the AP exam, students will write expository, analytical, argumentative, and synthesis essays. Informal writing processes will help them to write with increasing complexity, voice, and sophistication. This course is considered the equivalent of a college-level composition course; students will be held to rigorous expectations, and high standards of accountability.

At the end of the course, they will be prepared for not only the AP exam, but any situation which requires them to think critically, communicate clearly, and analyze multiple (sometimes conflicting) viewpoints. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College

Board, the governing body for AP Courses and prepares students for the College Board examination for English Language and Composition.

**Prerequisite: "A" or "B" in English
College Prep • NCAA Approved**

12th AP English Literature + Composition - 1001430

AP English Literature and Composition provides students with an experience equivalent to an entry-level college literature course. Employing a wide range of quality literature, students will read critically, ask pertinent questions about what they have read, recognize assumptions and implications, and evaluate ideas.

Students will gain the skills to analyze literature in both excerpts and whole works; their focus will be on identifying and analyzing theme, plot, point of view, characterization, setting, tone, mood, atmosphere, and style.

Students will be guided through (working towards independence) close readings of texts. They will learn to identify and discuss the use of literary devices, and the effect the devices have on the text and on the purpose and interpretation of the text.

Students will be asked to write essays, which stem from an effective thesis, have organizational structure, discuss the prominent features of a text, show insight, and use effective and purposeful diction and syntax. Students will have the opportunity to read and write with each lesson.

They will access a variety of multimedia, participate in interactive activities, and refine their writing skills with each assignment as they strive to assess and improve their literary understanding and analysis skills.

Students enrolled in AP Literature and Composition are expected to make a commitment to a rigorous curriculum of literary analysis and composition. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for English Literature and Composition.

**Prerequisite: "A" or "B" in English
College Prep • NCAA Approved**

SOCIAL STUDIES

***Available as either semester or full
year unless noted.***

GRADE 9

World Cultural Geography 2103300

In this World Cultures-Geography textbook-based course, North Miami Beach Academy School students explore and investigate planet earth's physical and human geography continent by continent, nation by nation, culture by culture, and people by people laying the foundation for future history courses in high school and college.

The five themes of geography construct the educational framework for examination. Location, place, human-environment interaction, movement, and region frame each lesson as students discover geographic, economic, cultural and historical interconnectedness.

The course introduces the location of regions focusing on physical characteristics, including absolute and relative location, climate, and significant geographical features.

The exploration continues with consideration of each region from a cultural, economic, and political perspective, closely examining the human impact on each region from these viewpoints, as well as the impact of human activities on the environments of each region and globally.

College Prep • NCAA Approved



GRADE 10

World History - 2109310

Students discover World History through extensive exploration of the cultures of the ancient civilizations through profiling in today's modern world with all its various complexities. In between, students compare, contrast, and analyze the Middle Ages, the Renaissance and Reformation, the Age of Exploration and Enlightenment, Asian and Middle Eastern Empires, the Monarchies of Europe, the Scientific and Industrial Revolutions, the American and French Revolutions, the Reign of Napoleon, European Nationalism, Colonialism, Changing Empires and Latin American Independence, the great World Depression, World Wars I and II, the Russian Revolution, the Cold War, Communist China, the Struggle for Southeast Asian Independence, Pacific Rim Economies, Modern Africa, the Middle East, Latin America, Europe, and the United States.

The course focuses on interconnected international/ historical themes, independent student analysis, and document-based research and investigation covering a broad historical spectrum of the world's economies and political alliances. Discussion boards also allow for students to share and view critical thinking on a variety of historical topics.

College Prep • NCAA Approved

Honors World History - 2109320

Students in this Honors World History course will explore and analyze the social and cultural, as well as the political and economic, aspects of key civilizations in world history.

Engaging in a variety of instructional methods - primary source materials, art interpretation, graphs, and map exercises - students will draw on different skill sets to a deep understanding of the connections, patterns, and themes in history.

The text is rich, varied, and full of informative photographs. This intense and challenging course focuses on delving and discovering underlying causes of world events as well as their lasting impact. The main goal of the World Civilizations textbook, and this course, is to present a global history— from the very beginnings of agriculture and herding to the present. Students will view the main periods of human history through the lens of global contact.

As with all human endeavors, nothing in history happens in isolation, and the text acknowledges this concept by prompting students to consider the reverberating impacts of historical events— both on the national scale and on the “ordinary human” level.

College Prep • NCAA Approved

GRADE 11

U.S. History - 2100310

Students focus on the key events in the life and times of America beginning with the exploration and migration to North and South America as many cultures blend and diversify to settle on the land.

Through in depth writing assignments, discussions and exams that promote retention of information and mastery, the course then moves through the American Revolution, the founding of the United States, through both world wars and the Cold War. It addresses journey of the modern Civil Rights and Women's Rights movements, and the Vietnam War.

As the course makes its way to modern times, the most recent struggles both at home and abroad are addressed, taking us to the issues that confront present-day global America.

Prerequisite: One year high school Social Studies
College Prep • NCAA Approved

Honors U.S. History - 2100320

Students enrolled in Honors American History engage in an in-depth study of the significant events in the history of the United States.

The course begins with a detailed review of how North and South America was settled, then delves deeply into the American Revolution and the founding of the United States.

Students will move through both world wars and the Cold War—making applications to the overall American story, rather than focusing on chronological events.

This course will not only address controversial issues such as the Civil Rights and Women's Rights movements, as well as the Vietnam War, but also will put historical events into context and explore lasting impacts on present-day America.

Making their way through to modern times, students discover the current administration, the most recent struggles both at home and abroad are researched, examining the issues that confront present-day America.

Students will write a college-style research paper investigating topics of personal interest and will obtain factual information about history while developing critical thinking skills that will remain valuable throughout their lifetime.

Prerequisite: One year high school Social Studies
College Prep • NCAA Approved

GRADE 12

Government - Semester 2106310

Students begin with an overview of the role of government, comparing different forms of government from the ancient Greek polis to the modern Japanese constitutional monarchy. Continuing with an understanding of the history of American government, students evaluate the Constitutional Convention and the U.S. Constitution.

Each branch of government - the executive, the legislative, and the judicial - is discussed and the relationship of each to the others is explored and analyzed. The role and rights of citizens in a democracy is discussed and historical events such as the Civil Rights Movement are covered.

The course then looks at the American political system and how it affects governmental action. State and local governments are then explored.

The course concludes with comparing different systems from capitalism to communism and the role of government in international relations as well as the Acquisition of 21st Century skills in preparation for college and career.

College Prep • NCAA Approved

Honors Government - Semester 2106320

This advanced American Government course covers the foundations of American government, political parties and the Fourth Estate, interest groups, the electoral process, the three branches of our federal government, comparative international political and economic systems, and the foundations of state and local government.

Through in-depth milestone assignments, students will critically analyze the election process, public policy, and foreign affairs, as well as becoming involved with a personal service project.

College Prep • NCAA Approved

Economics - Semester 2102310

Economics is a multi-dimensional program designed to help students of all abilities achieve fundamental understanding of core economic principles. Students will learn key concepts, based on Florida's History-Social Science Standards and Framework. Topics include economic systems, supply, demand, prices, market structure, labor, banking, GDP, taxes, and international trade. The concepts presented in the text are supported by a variety of activities to help students apply their new knowledge to the real world.

College Prep • NCAA Approved

Honors Economics - Semester 2102320

This is a multidimensional program designed to help students of all abilities achieve fundamental

understanding of core economic principles. Students will learn key concepts, based on Social Science Standards and Framework.

Topics include economic systems, supply, demand, prices, market structure, labor, banking, GDP, taxes, and international trade. The concepts presented in the text are supported by a variety of activities to help students apply their new knowledge to the real world.

College Prep • NCAA Approved

GRADES 9-12

Psychology - 2107300

This course teaches students the fundamental concepts of psychology. During the one-year course, students explore the following topics: the science of psychology, the biological basis of behavior, sensation and perception, states of consciousness, learning, memory, cognition and mental abilities, motivation and emotion, life-span development, personality, stress and health psychology, psychological disorders, therapies, and social psychology.

Through course activities and resources, students acquire learning skills in critical analysis, research methods, and academic writing. Included are weekly thought-provoking, open-ended questions answered in essay and discussion form. Students complete four milestone projects, a midterm, and a final exam.

College Prep • NCAA Approved

Sociology - Semester 2108300

In this course, students explore the fundamental concepts of sociology through real life models. During the one-semester course, students explore the following major topics: The Sociological Perspective, Social Groups, Social Control, Social Inequality, Social Institutions, and Social Change.

At the end of each unit, students complete a milestone project. There is a final exam at the end of the course. Students will delve into what makes us human and how human societies grow, change, and differ.

The course explores a wide range of human social phenomenon such as marriage, religion, and terrorism. It also compares different social phenomenon across cultures.

College Prep • NCAA Approved

GRADES 11-12

Honor Philosophy and Ethics - Semester 2105355

Students examine in-depth the role of philosophy past, present and future. Upon completion of the course, students can expect to better understand the basic history of the various schools of thought, appreciate various methods for understanding and challenging logical and analytical arguments, and personally explore their own philosophical orientation on many current topics.

Imperative ethical and philosophical questions will be examined and analyzed such as: Does right change over time, or depending on circumstances? Which is more powerful, truth or beauty? What is a white lie? Is there a correlation between legal and ethical?

Should a behavior be allowed if nobody has a problem with it? Which right is more important, that of the community, or the individual? Is it more honorable to be true to your nature, or to overcome it? Students have the opportunity to respectfully debate views with classmates via in class discussion boards.

College Prep • NCAA Approved

AP SOCIAL STUDIES

GRADES 11-12

AP U.S. History

The history of our nation can be vast in subject matter. In this AP US History course, North Miami Beach Academy School students chart the progress of the U.S. from a colonial nation through a new order and onto a new century, utilizing sound 21st Century creative and critical thinking learning skills, quizzes, short videos, traditional teaching methods and engaging reflections.

Students personalize and own a piece of our nation's history, assess historical primary and secondary sources weighing the evidence presented to arrive at informed conclusions. Students learn to think like historians: evaluating sources and interpretations, developing thesis statements, supporting their interpretations with evidence, and communicating their conclusions persuasively.

Students gain an appreciation for how historic events have shaped our modern political, social, cultural, and economic life. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for United States History.

**Prerequisite: "A" or "B" in Social Studies
College Prep • NCAA Approved**

AP World History

AP World History covers the history of the world from 600 C.E. to the present with an introduction unit on the period before (covering around 8000 B.C.E. To 600 C.E.). Students will be introduced to and understand "patterns of change" and the connections between the various world cultures throughout this time period, as well as global experiences of humanity and be able to apply that knowledge to their growth and development as "world citizens".

This course offers a wide variety of instructional activities, including objective exams, debates, simulations, threaded-board discussions, a trial, document based questions and research assignments. First semester topics range from the development of human history from prehistoric times through the Enlightenment. Second semester topics cover the rise of the Ottoman Empire to the present. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP

AP courses and prepares students for the College Board examination in World History.

**Prerequisite: "A" or "B" in Social Studies
College Prep • NCAA Approved**

AP European History

Taking the AP European History course at North Miami Beach Academy School is an inquiry through time discovering the social, economic, cultural, intellectual, political and diplomatic history of Modern Europe and its place in the history of the world from the fall of Constantinople to the fall of the Berlin wall and the Soviet Union. Because this is an AP course the level of rigor is equivalent to that required of students in a college freshman or sophomore Modern European History course?

Through the use of writing assignments, discussions and document based questions, students will learn of the major periods, ideas, movements, trends, and themes that characterize European history from approximately 1450-the high Renaissance-to the present.

It is important that students possess critical thinking and writing skills as this course will give students the opportunity to build on those skills analyzing historical events and expressing an understanding of this analysis in extensive written assignments. The text below will be the only required text in this course, however, different textbooks have different focuses. Some are offer superior information on political history, others on social history.

There will be additional reading suggestions that will allow for an expansion of information if desired by the student. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board Examination for European History.

**Prerequisite: "A" or "B" in Social Studies
College Prep • NCAA Approved**

AP U.S. Government & Politics – Semester

From an analytical perspective, North Miami Beach Academy AP US Government and Politics presents American politics. This multi-modality course uses thought provoking visual images, discussions, video animation, as well as a traditional text to introduce ideals, institutions, and processes that direct the daily operations of our government and shapes our public policies.

Building on basics, students will explore a variety of theoretical perspectives and explanations to interpret and analyze the political landscape to develop a better understanding of the strengths and weaknesses of our system of government.

This is an AP course; the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for US Government and Politics.

Prerequisite: American History

AP Microeconomics - Semester

College Prep • NCAA Approved

Students taking this course will examine concepts such as supply and demand, factors of production, roles of labor and management, the relationship between the environment and the economy, and the impact of the government on individual decision-making processes.

Including the timely subject of the stock market as an investment option and tracing various stocks through the semester using the Wall Street Journal and the Internet as resources. Utilizing quizzes, discussions, document based questions, the focus of the course is to prepare students for the College Board AP exam.

As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Microeconomics.

**Prerequisite: Algebra I
College Prep • NCAA Approved**

AP Macroeconomics - Semester

Living in a global community in the 21st Century, the AP Macroeconomics course at North Miami Beach Academy School is an emphasis on how the economic system works as a whole. The primary course objective is the study of the determinants of the aggregate level of economic activity in a global economy.

Attention focuses on the demand for output by households (consumption spending), businesses (investment spending), government spending, and trade with the rest of the world (net exports), as well as the roles played by fiscal and monetary policies.

In addition, coverage centers on the problems of inflation, unemployment, federal budget deficits, and stimulating economic growth.

Through multi-modality assignments including discussions, text book readings, and document based questions to develop critical thinking and writing skills, students will study how the economy is measured by using concepts such as gross domestic product (GDP) and other indicators.

Concepts such as inflation, unemployment, world trade patterns, and the role of the Federal Reserve Bank will be examined.

Engaging in decision-making processes, students create an environment where high employment and a higher standard of living are achievable by using the economic tools of fiscal and monetary policy. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Macroeconomics.

Prerequisite: Algebra 2
College Prep • NCAA Approved

AP Psychology— Semester

The complex nature of human beings is explored in-depth in North Miami Beach Academy School's AP Psychology course. This course is a survey of psychology that introduces students to the major topics of the field, the terminology and methodology of psychology, as well as the historical and current understanding of human behavior and thought-processes.

Beginning with the concept of thinking like a Psychologist, students learn to analyze human experiences and to apply what they have learned to the world around them utilizing vast educational resources, including a multitude of assignments, games, self- checks, quizzes, reflections, discussions, videos and document based questions.

Because this is an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Psychology.

Prerequisite: Biology
College Prep • NCAA Approved

MATH

Available as either semester or full year unless noted.

GRADE 9-12

Algebra 1 - 1200310

Students develop an organized approach to solving a wide variety of algebraic problems utilizing the symbols, methodologies and language necessary to properly communicate and analyze the algebraic concepts covered in this course.

Concepts covered include: basic operations, properties, functions, expressions, set theory, monomials, polynomials, factoring, algebraic fractions, variables, roots, radicals, quadratican environment where high employment and a higher standard of living are achievable by using the economic tools of fiscal and monetary policy.

As an AP course, the level of rigor is equivalent to that required of students in a college freshman or equations and word problems. Students are tested periodically and review material as needed to succeed with mastery of the content.

This course moves along rather rapidly, provides in-depth coverage of course topics, and requires strong problem-solving skills.

Prerequisite: Pre-Algebra
College Prep • NCAA Approved

Honors Algebra 1-1200320

Honors Algebra 1 emphasizes abstraction and critical thinking in mathematics. Students will develop an organized approach to solving a wide variety of algebraic problems utilizing the symbols, methodologies, and language necessary to properly communicate and analyze the algebraic concepts in this course.

The basic operations and properties of mathematics build the foundation for the introductory statistics, laws of exponents and radical and rational expressions.

This course will provide a foundation to the symbolic language of mathematics by solving equations containing unknown values.

Problem solving is emphasized in single and multiple step equation solving and through graphical representations of functions. The students will solve systems of linear equations by elimination, substitution, and matrices.

In preparation for advanced algebra, the students are introduced to quadratic functions and polynomials with an emphasis on factoring and graphing. This course has an increased pace with an emphasis on higher order thinking skills that impact increasingly complex applications. Strong problem solving skills are required to be successful in Honors Algebra 1.

**Prerequisite: A" or "B" in Pre-Algebra
College Prep • NCAA Approved**

Geometry - 1206310

Geometry balances an investigative approach to geometry with an emphasis on helping students develop the ability to reason deductively. The text, *Discovering Geometry*, gives the course an effective and engaging framework for learning mathematics.

Students are introduced to the skills and concepts of geometry through real-world examples and using mini-investigations that lead students through each step of the reasoning process they must master. Students make their own conjectures and must justify them through proofs and real-life examples.

Algebra skills are reintroduced and students have ample opportunity to apply their knowledge of algebra to the study of geometry. Students are asked to complete exercises and explorations to offer them ample practice, demonstrating their mastery of the course. The students are assessed with Quizzes and Chapter Tests with a substantial review before these assessments.

**Prerequisite: Algebra 1
College Prep • NCAA Approved**

Honors Geometry - 1206320

Honors Geometry balances an investigative approach to geometry with an emphasis on helping students develop the ability to reason deductively. Students are introduced to the skills and concepts of geometry through real-world examples and using mini-investigations that lead students through each step of the reasoning process they must master.

Geometric concepts and their real-world applications are presented through a variety of textual explanations, application problems, video tutorials, and investigations. The real-world component is demonstrated through student created assessments.

The practical use of geometry, as well as its mathematical and theoretical relevance is emphasized throughout the course. Students make their own conjectures and must justify them through two column and indirect proofs. Algebra skills are reintroduced and students have ample opportunity to apply their knowledge of algebra to the study of geometry, creating a solid level of geometric thinking.

**Prerequisite: Algebra 1
College Prep • NCAA Approved**

Algebra 2 - 1200330

Students develop an organized approach to solving a variety of higher-level algebraic problems utilizing the symbols, methodologies, and language necessary to properly communicate and analyze the algebraic concepts covered in this course. In addition, students will master conventional systems while strengthening their intuitive development with problem-solving and critical thinking skills.

The focus is on polynomial, rational, and radical relationships, trigonometric functions, modeling with functions, and inferences and conclusions from data. The course builds upon linear relationships, leading to quadratic, polynomial, exponential, logarithmic, and rational functions.

The algebraic concepts are applied to conic sections, trigonometric functions and identities, and probability and statistics with an emphasis on binomial and normal distributions. Students are tested periodically and are encouraged to review material on a regular basis to succeed with mastery of the content.

Requirement: Student will need graphing calculator TI-83, TI-84 Plus or TI-89.

Prerequisite: Algebra 1, Geometry

College Prep • NCAA Approved

Honors Algebra 2 - 1200340

Honors Algebra 2 requires that the student apply real world situations to the algebraic terminology and concepts, demonstrated in student created assessments. Students develop an organized approach to solving a variety of higher-level algebraic problems utilizing the symbols, methodologies, and language necessary to properly communicate and analyze the algebraic concepts covered in this course.

In addition, students will master conventional systems while strengthening their intuitive development with problem-solving and critical thinking skills. The focus is on polynomial, rational, and radical relationships, trigonometric functions, modeling with functions, and inferences and conclusions from data.

The course builds upon linear relationships, leading to quadratic, polynomial, exponential logarithmic, and rational functions. The algebraic concepts are applied to conic sections, trigonometric functions and identities, and probability and statistics with an emphasis on binomial and normal distributions.

Requirement: Student will need graphing calculator TI-83, TI-84 Plus or TI-89.

Prerequisite: "A" or "B" in Algebra 1 and Geometry

College Prep • NCAA Approved

Honors Trigonometry - Semester 1211300

Honors Trigonometry provides a thorough grounding in the discipline's fundamentals, including right-triangle trigonometry, the six trigonometric functions, radian measure, graphing and inverse functions, identities, equations, complex numbers, polar coordinates, and logarithms.

The mastery of the student's trigonometric knowledge is demonstrated through an ongoing portfolio in which the student provides real life examples to illustrate the key terms of the unit. This one semester course prepares students for Pre-Calculus for their second semester.

Prerequisite: Algebra 1 & 2, Geometry College Prep

Honors Pre - Calculus - 1202340

The main objective of this course is to introduce the student to advanced topics in mathematics and to prepare the student for taking the AP Calculus exam the following year. This course will cover the fundamental concepts of polynomials, exponential, logarithmic and trigonometric functions, inverse functions, analytic geometry, polar coordinates, complex numbers, vectors, determinants, sequences, series, matrices, limits and continuity.

The course places a strong emphasis on critical thinking skills and verbal and written communication methods for solving problems. The use of technology, such as the graphing calculator, is highly integrated into the course and the textbook to allow all students to see the solution from a graphical perspective and to accommodate those with different learning styles.

Additionally, connections are made throughout the Pre - Calculus course to calculus, art, history, and a variety of other fields related to mathematics.

Requirement: Student will need graphing calculator TI-83, TI-84 Plus or TI-89.

**Prerequisite: Algebra 1 & 2, Geometry
College Prep • NCAA Approved**

Honors Calculus - 1202300

The goal of the course is to introduce students so they may apply the concepts in other course involving graphing of functions and optimizations. This course focuses on applications instead of proofs and derivations of differentiations and integration rules.

Students will be able to compute and analyze mathematical problems in the following subject areas: analysis of graphs, limits of functions, asymptotes, continuity, derivatives, concept of a derivative, derivative at a point, derivative as a function, second derivatives, applications of derivatives computation of derivatives, power functions, exponential functions, logarithmic functions, inverse trigonometric functions, sum rule, product rule, quotient rule, chain rule, implicit and explicit differentiation, techniques of integration, indefinite integrals, definite integrals, the fundamental theorem of calculus, and various applications of integration.

Requirement: Student will need graphing calculator TI-83, TI-84 Plus or TI-89.

**Prerequisite: Algebra 1 & 2, Geometry, and Pre-Calculus
College Prep • NCAA Approved**

AP MATH

GRADES II-12

AP Calculus AB

AP Calculus AB is a comprehensive introduction to calculus that is comparable to a one semester college-level course. The material is challenging and corresponds with the syllabus of the College Board Advanced Placement Program.

The course is mainly concerned with developing understanding of the concepts of calculus and applications to many areas of study including science, business, and engineering.

The course emphasizes problems that are being expressed graphically, numerically, and algebraically. Students will build the foundation of Calculus by analyzing graphs and calculating limits of functions. The concepts of continuity and derivative as a rate of change will lead to the computation of derivatives using the sum rule, product rule, quotient rule, chain rule, and implicit differentiation.

The derivatives of all functions are introduced which include power functions, exponential functions, logarithmic functions, trigonometric functions, and inverse trigonometric functions. These derivatives are applied to the solving of real world situations. The course continues with techniques of integration, indefinite integrals, definite integrals, the fundamental theorem of calculus, and various applications of integration.

Students will need to be very proficient in the applications of the graphing calculators as it will be used extensively and required for 2 sections of the AP Calculus AB Exam. Students will need graphing calculator TI-83, TI-84 PLUS or TI-89. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Calculus AB.

Requirement: Student will need graphing calculator TI-83, TI-84 Plus or TI-89.

**Prerequisite: Algebra 1 & 2, Geometry, Pre-Calculus with Trigonometry
College Prep • NCAA Approved**

AP Calculus BC

This course is the equivalent of an introductory college-level calculus course. In this course, students study functions, limits, derivatives, integrals, and infinite series. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena.

Students learn to evaluate the soundness of proposed solutions and apply mathematical reasoning to real-world models. Students also learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Students prepare for the AP Exam and further studies in science, engineering, and mathematics.

Requirement: Student will need graphing calculator TI-83, TI-84 Plus or TI-89.

Prerequisite: Algebra 1 & 2, Geometry, Pre-Calculus with Trigonometry (Recommended), AP

Calculus AB College Prep • NCAA Approved

AP Calculus AB

AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. Statistics is used to find trends, patterns, and differences in all sorts of fields. The average temperature in January, the batting averages for all professional baseball players, the validity of election polls, and the efficacy of prescription drugs are only a few examples of the many ways we use statistics.

Students will also learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Statistics.

Prerequisite: Algebra 2 or Pre-Calculus College Prep • NCAA Approved

SCIENCE

Non-lab courses

GRADE 9-12

Earth Science- 2001310

Earth Science is an introductory science course that covers a broad range of topics relating to the materials and processes that identify and define Earth. Topics studied include Earth's resources, glaciers, earthquakes and volcanoes, geology, the ocean floor and ocean life, weather systems and climate, the sun and the solar system, and many more.

This course takes a broad look at the topics related to the scientific study of the earth by focusing not only on the scientific facts and theories, but also on the role of human activity in the shaping of the earth and the earth's systems. Earth Science encourages students to engage with the material through a wide variety of hands-on assignments that address multiple learning styles.

College Prep • NCAA Approved

Honors Earth Science- 2001320

Students learn the critical importance of scientific developments in today's world through gaining basic knowledge of earth science. Topics include early Earth, geological history, fossils, minerals and rocks, plate tectonics, earthquakes, volcanoes, the Carbon and Nitrogen cycles, the atmosphere, the ozone layer, the greenhouse effect, weather, climate, air and ocean circulation patterns, the solar system, our galaxy, and beyond. Historical achievements in the field of earth science and consideration of potential future developments contribute to students' learning and personal development. Students have the opportunity to engage in independent research on subjects of students' interest. The course includes a wealth of informative and dynamic web sites.

College Prep • NCAA Approved

Marine Science 1 - 2002500

Students explore the many aspects of oceanography and the influences they have upon the ocean as a whole. Topics of study include ocean geography, surveying, tidal interaction, ocean life and ecology, the water cycle, sea ice, seawater chemistry, and research.

The course is supplemented by a nautical literary theme, with quotes from writers on how they were inspired by the ocean. The course concludes with a 1200-word research report on a topic of the student's choosing.

College Prep • NCAA Approved

Honors Marine Science - 2002510

Honors Oceanography explores all the fundamental principles and concepts of oceanography. Topics of study include: ocean geography, surveying, tidal interaction, ocean life and ecology, the water cycle, sea ice, seawater chemistry and research.

As an Honors course, topics also venture more deeply into the interrelation of ocean currents and plate tectonics, the physics of the revolving Earth and how weather and tidal actions are affected by it. Finally, the course also looks at life in the oceans and examines challenges confronting ocean life today, like global warming and pollution.

College Prep • NCAA Approved

Physical Science - 2003310

Physical Science examines the elements that compose and the forces that govern the physical world. The disciplines involved in the study of these topics are chemistry and physics. This class explores their basics. Student's responsibilities include: keeping a Science Journal, reading, writing and math, current events, lab assignments, and a term paper.

Prerequisite: Successful completion of Algebra II, Geometry also recommended

College Prep • NCAA Approved

Honors Physical Science - 2003320

This course provides students with instruction in the nature of science, including scientific processes, the scientific method, and scientific inquiry. It covers safety in the lab and the field, principles for conducting experiments, and the need for scientific communication.

The course then covers the atomic nature of matter, classification of the elements, the periodic table, acids, and bases. Next, students are introduced to energy. They learn what energy is and the various forms of energy. They explore energy transformations and specifically discuss the production of electricity.

The course discusses energy in motion, with emphasis on defining work, power, velocity, acceleration, forces, and gravity. Students learn about Newton's laws of motion and simple machines and have the opportunity to design their own machine using the basic principles of physics.

Finally, the course discusses the composition and structure of the universe, the life cycles of stars, and space exploration.

Prerequisite: Successful completion of Algebra II, Geometry also recommended

College Prep • NCAA Approved

GRADES 9-12

With lab courses

Biology - LAB 2000310

Students learn the fundamental concepts of biology: the nature of life, basic chemistry, animal maintenance, plant maintenance, reproduction and development, genetics, evolution, diversity of living things and ecology.

Through investigations and activities, students gain firsthand experience with learning skills and processes such as observing, classifying, identifying, measuring, inferring, hypothesizing, interpreting and predicting. The course includes weekly thought-provoking, open-ended problems answered in essay form. Students complete a semester term paper on a chosen topic.

Prerequisite: 8th or 9th grade Physical Science

College Prep • NCAA Approved

Honors Biology - LAB 2000320

Honors Biology offers a research- and writing-intensive version of our regular Biology course. During this course, students learn the fundamental concepts of biology: the nature of life, basic chemistry, animal maintenance, plant maintenance, reproduction and development, genetics, evolution, diversity of living things and ecology.

Through investigations and activities, students gain firsthand experience with such learning skills and processes as observing, classifying, identifying, measuring, inferring, hypothesizing, interpreting and predicting.

The course includes weekly thought-provoking lesson activities and short-answer essays. Students complete a term paper on a chosen topic in the second semester.

Prerequisite: "A" in Science and 8th or 9th grade Physical Science

College Prep • NCAA Approved

Chemistry1 - LAB 2003340

This course offers a study of Chemistry for students pursuing a technical career or college entrance. Our course is extremely thorough.

Main topics include Phases, Atomic and Molecular Models, Polarity, Solutions, Ionic Bonding, Stoichiometry, Acids and Bases, Le Chatelier's Principle, The Mole, Nuclear Reactions, Periodic Table, Isomers, Molecular Orbitals, Chemical Reactions, Energy and Change, Osmosis, Entropy, Reaction Rates, and more.

Prerequisite: Biology w/Lab and Algebra 1

College Prep • NCAA Approved

Chemistry-2 LAB 2003360

This chemistry course covers the basic principles of chemistry. It begins by reviewing concepts introduced in physical science classes, including physical and chemical properties of matter, classifications of matter, and basic atomic structure.

This course delves deeper into understanding how to use the periodic table to predict reactions, how elements form compounds, and how compounds interact with each other in chemical reactions.

This course also introduces students to factors that affect chemical reactions, including rates of reactions, thermodynamics and equilibrium of reactions, and chemical kinetics.

Chemical quantities like molar mass and the mole are introduced, along with stoichiometry and the arithmetic of chemistry. Different types of chemistry are introduced and their significance is explained. These genres of chemistry include nuclear chemistry, electrochemistry, acid and base chemistry, and organic chemistry as it applies to biological systems.

Students also gain a greater understanding of physical chemistry by learning the properties of solids, liquids, and gases, and the theories describing their behaviors in systems. This course also offers a greater understanding of scientific methods and processes with a strong focus on laboratory experiments.

Prerequisite: Biology w/Lab and Algebra 1

College Prep • NCAA Approved

Honors Chemistry - LAB 2003350

This course offers an intensive, Honors-level study of Chemistry for students preparing for college or a technical career. Our course is extremely thorough. Main topics include Phases, Atomic and Molecular Models, Polarity, Solutions, Ionic Bonding, Stoichiometry, Acids and Bases, Le Chatelier's Principle, The Mole, Nuclear Reactions, The Periodic Table, Isomers, Molecular Orbitals, Chemical Reactions, Energy and Change, Osmosis, Entropy, Reaction Rates, and more.

Prerequisite: "A" in Biology with Lab in addition to completion of Algebra 1

College Prep • NCAA Approved

Physics - LAB 2003380

The goal of physics is to describe the physical world using a small number of basic assumptions, concepts, and equations. In this course, emphasis is placed on relating physics to the everyday world. Students explore the concepts involved with motion in one- and two-dimensions, forces, work and energy, momentum and collisions, circular motion and gravitation.

They recognize the importance of the laws of thermodynamics. Students learn the characteristics of waves and describe the behavior of waves with emphasis on light and sound. They understand the relationship between electricity and magnetism. Finally, the students gain a simple understanding of atomic physics. Approximately 40% of the course involves laboratory investigations. Part 1 focuses on understanding motion.

Students learn kinematic equations and apply them to various situations. They explore forces, work and energy and apply these concepts in the special case of circular motion. Heat and the laws of thermodynamics are covered.

Part 2 focuses on waves, in particular sound and light. The course then moves to understanding electricity and magnetism and the relationship between the two. It concludes with a basic exploration of atomic physics.

Prerequisite: Biology, Chemistry, Algebra 1 and Geometry Co-requisite: Algebra 2 •

College Prep • NCAA Approved

AP SCIENCE

GRADES 11-12

AP Biology - LAB

This course guides students to a deeper understanding of biological concepts including the diversity and unity of life, energy and the processes of life, homeostasis, and genetics.

Students learn about regulation, communication, and signaling in living organisms, as well as interactions of biological systems. Students carry out a number of learning activities, including readings, interactive exercises, extension activities, hands-on and laboratory experiments, and practice assessments.

These activities are designed to help students gain an understanding of the science process and critical-thinking skills necessary to answer questions on the AP Biology Exam. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Biology.

Prerequisite: Success in Biology, Chemistry, Algebra 1

College Prep • NCAA Approved

AP Chemistry - LAB

The purpose of Advanced Placement Chemistry is to provide a college level course in chemistry and to prepare the student to seek credit and/ or appropriate placement in college chemistry courses.

The course is designed to meet the recommendations of the College Board's Revised AP Chemistry Curriculum and is structured around the six big ideas articulated in the AP Chemistry Curriculum Framework.

A special emphasis will be placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills.

Students are engaged in hands-on laboratory work, integrated throughout the course that accounts for more than 25% of the class time. With teacher guidance, students explore chemistry, perform hands-on labs, and engage with a suite of labs.

A variety of assessments are delivered at regular intervals to monitor learning progress. The course scope and rigor will prepare students for the College Board AP Chemistry Exam and further educational pursuits. The two-semester, 36 week, course meets College Board requirements.

Prerequisite: Algebra 2 and Chemistry

College Prep • NCAA Approved

AP Physics B-LAB

The Advanced Placement Physics course is a mathematically rigorous course, designed specifically to prepare students for the AP Physics B exam. Physics is the most fundamental branch of all sciences, and one of the most enjoyable to study.

This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem- solving ability, using algebra, trigonometry and, rarely, calculus.

The equivalent of an introductory college-level course, AP Physics B prepares students for the AP Exam and for further study in science and engineering. AP Physics B covers five general areas: Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics.

As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Physics.

Requirement: Student will need a TI-83 or TI- 84 Plus calculator.

College Prep • NCAA Approved

AP Environmental Science

AP Environmental Science is a yearlong examination of the interrelationships of the natural world. Students identify and analyze environmental problems and their effects, and evaluate the effectiveness of proposed solutions.

Students learn to think like environmental scientists, making predictions based on observations, writing hypothesis, designing and completing field studies and experiments, and reaching conclusions based on the analysis of data derived from these experiments. Students apply these concepts of environmental science to their everyday experiences and current events and issues in science, politics, and society.

The course provides opportunities for guided inquiry and student-centered learning to foster critical thinking skills. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study.

The course had been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examinations for Environmental Science.

Prerequisite: Successful completion of honors or advanced high-school science courses

College Prep • NCAA Approved

WORLD LANGUAGE

Available as either semester or full year unless noted

SPANISH

Spanish 1 - 0708340

Spanish 1 is an introductory course in learning academic Spanish. It is also the foundation course for Spanish 2 and Spanish 3 text. Spanish 1 is a college requirement course. Beginning verb conjugation and grammar as well as basic vocabulary is emphasized. The Spanish 1 covers pronunciation and conversational skills. Two practice workbooks support the standard-based Spanish 1 textbook.

College Prep • NCAA Approved

Spanish 2 - 0708350

Realidades Spanish 2 includes a thorough review of the material learned in Realidades Spanish. The course is comprehensive, standards-based, and college preparatory.

The content balances grammar with oral and written communication and vocabulary. The course also combines learning the Spanish language with an appreciation for various aspects of Hispanic cultures around the world.

Students will also improve their fluency in speaking Spanish, while they learn how to conjugate irregular & reflexive verbs, possessive adjectives & pronouns, and will be able to use both the preterit and imperfect tenses while describing action in the past.

Prerequisite: High School Spanish 1

College Prep • NCAA Approved

Spanish 3 Honors - 0708360

Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational.

Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in both formal and informal spoken and written contexts.

Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics, respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries, read and analyze important pieces of Hispanic literature, and take frequent assessments to monitor their progression.

The course is conducted almost entirely in Spanish. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: High School Spanish 1 & 2

College Prep • NCAA Approved

FRENCH

French 2 - 0701320

The “Discovering French – Nouveau!” program offers superior instruction for high school students who wish to master first (French Bleu) and second year (French Blanc) French. This program integrates a textbook and activity workbook to help maximize and develop strategies for reading, writing and speaking skills.

Photos, illustrations and text provide the student with many opportunities to learn about not only France and its people, but also many other Francophone cultures. All aspects of daily life are covered and the student will learn about meeting people, ordering food, going out with friends, planning vacations and much more.

College Prep • NCAA Approved

French 2 - 0701330

The “Discovering French – Nouveau!” program offers superior instruction for high school students who wish to master second year (French Blanc) French. This program integrates a textbook and activity workbook to help maximize and develop strategies for reading, writing and speaking skills.

Photos, illustrations and text provide the student with many opportunities to learn about not only France and its people but also many other Francophone cultures. All aspects of daily life are covered and the student will learn about meeting people, ordering food, going out with friends, planning vacations and much more.

Prerequisite: High School French 1

College Prep • NCAA Approved

French 3 Honors - 0701340

Students further deepen their understanding of French by focusing on the three modes of communication: interpretive, interpersonal, and presentational.

Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in both formal and informal spoken and written contexts.

Students should expect to be actively engaged in their own language learning, use correct vocabulary terms and phrases naturally, incorporate a wide range of grammar concepts consistently and correctly while speaking and writing, participate in conversations covering a wide range of topics, respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, read and analyze important pieces of literature, and take frequent assessments where their language progression can be monitored.

The course is conducted almost entirely in French. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Prerequisite: High School French 2

College Prep • NCAA Approved

FINE ARTS

Available as either semester or full year unless noted.

GRADES 9-12

Music Appreciation -1300340

Music Appreciation is a streamlined course that introduces students to the history, theory, and genres of music, from the most primitive surviving examples through the classical to the most contemporary in the world at large.

The course is offered in a two-semester format: The first semester covers primitive musical forms and classical music. The second semester presents the rich modern traditions, including: jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip-hop.

The course explores the interface of music and social movements and examines how the emergent global society and the Internet are bringing musical forms together in new ways from all around the world. Students complete either a performance practicum or a listening practicum throughout the course.

The performance practicum requirement can be met by participation in supervised instrumental or vocal lessons, participation in a church or community choir, community musical performances, or anything that is structured to meet at regular intervals and legitimately provides opportunities for students to build vocal and/or instrumental skills.

The listening practicum requires students to listen to a variety of music genres and comment. Parents or guardians will be required to validate their children's regular participation in the chosen performance or listening practicum.

College Prep

Music Appreciation: The Enjoyment of Listening - 1300310

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify

cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

College Prep

AP FINE ARTS

GRADES 10-12

AP Art History

The focus of this course is to encourage, engage and enhance student understanding of a variety of artistic forms and genres, ranging from visual expression—painting, sculpture, architectural techniques—to historical themes and the development of specific cultural genres. As students navigate the material, they'll be encouraged to develop their own critical eye through a progressive application of visual analysis and experiential assignments which provide insights into issues such as the fundamental "function" of artistic expression, as well as social impacts.

Prior knowledge of Art History or artistic training are not required in order to effectively take part in this course, as it's designed to be a "doorway" for all levels of experience and academic interest. As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Art History.

Additionally, students can fulfill the Fine Arts entrance requirement for the University of Florida system by taking this Advanced Placement Fine Arts course, and passing the College Board's AP Fine Arts exam with a score of 3 or higher."

College Prep • Honors

HEALTH & PHYSICAL EDUCATION (HOPE)- 3026010

Available as either semester or full year unless noted.

Health - Semester

Health is concerned with helping the student learn to respect and care for him or herself. Following the National Health Education standards as well as Florida and Ohio state standards, this course covers such health concerns as alcohol, tobacco, and other drugs; mental and emotional health; injury prevention and personal safety; nutrition; and personal health and physical activity. Our text uses an eye-catching design and many tools to engage the student in the topics.

Meets Elective Graduation Requirements

Physical Education

Choose any sport or exercise program, including but not limited to aerobics, baseball, basketball, football, ice-skating, martial arts, mountain biking, tennis, equestrian training, skiing, surfing, or dance. In order to receive credit, you will document your activities by creating a blog.

Students will be required to comment on other students' blogs. At the end of the course, students will have the opportunity to make a live presentation about their program to an audience of their peers.

Meets Elective Graduation Requirements

ELECTIVES

Available as either semester or full year unless noted. All courses meet elective Graduation requirements unless stated as College Prep.

AP Computer Science Grades 11-12 - Full Year

AP Computer Science A focuses on object-oriented programming methodology with a concentration on problem solving and algorithm development. It also addresses the study of data structures, design, and abstraction.

Students who choose AP Computer Science A should have successfully completed Algebra II as well as some previous programming experience, a basic understanding of networks, and knowledge of the responsible use of computer systems (including system reliability, privacy, legal issues, intellectual property, and the social and ethical ramifications of computer use).

As an AP course, the level of rigor is equivalent to that required of students in a college freshman or sophomore course in this area of study. The course has been audited and approved by the College Board, the governing body for AP Courses and prepares students for the College Board examination for Computer Science A.

College Prep • Honors

Archaeology: Detectives of the Past - Semester

George Santayana once said, "Those who cannot remember the past are condemned to repeat it." The field of archeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on this techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past so- cities from these items.

College Prep

Art Journal - Semester

Art Journal is a second-semester accompaniment to Journal Writing, or it can stand alone as a singular semester course. Recommended for students with a strong interest in pursuing art studies, Art Journal explores theoretical and conceptual artistic elements best suited for students with some art background.

It combines personal experience with artistic expression in writing and drawing by encouraging daily reflection on various themes, culminating in a final report.

Astronomy: Exploring the Universe - Semester 2001350

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us.

This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe.

Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Basic Algebra - Full Year

College Prep

10 Key Workbooks and Answer Books Students master basic algebraic concepts in an informal, nonthreatening and self-directed format. The 10 workbooks allow students to master content before proceeding to more complex problems.

Concepts covered include: integers, rational numbers, exponents, variables, terms, order of operations, word problems, polynomials, factoring, sets, graphing, roots, coordinates and equation of a line.

Calligraphy - Semester

Calligraphy offers a beginner's workshop in learning the art of beautiful writing. The course starts by teaching students how to select the proper pen and hold it correctly, then moves on to training the writer to listen to his or her creative side. Learn to produce unique gifts, stationery and invitations that will be valued by your friends and family. Both Italic and Gothic styles are studied.

Cartooning Animals - Semester

From drawing simple animals to villains, this course teaches the basics of how to draw cartoons for comic strips and other art-related activities. Students learn how basic elements of shading and coloring can make their own action figures pop right off the page!

Learn how using a triangle and T-square, effective wrist movements and art supplies can help round out your "budding artist" skills. This is a fun course for the creative student.

Consumer Math - Full Year 791210

This comprehensive review and study of arithmetic skills apply to both personal and vocational business opportunities. Topics include whole numbers, fractions, percentages, basic statistics, and graphs. Practical applications in finance, taxes, budgeting, banking and home ownership are provided.

College Prep

Creative Writing - Full Year Astronomy

While using proper grammar, punctuation and spelling is important, each student must also develop the writer within. Creative Writing is designed to encourage students to appreciate the joy of writing and heal from past negative experiences with writing. This is an excellent course for students who want an opportunity to express themselves through the written word. The course focuses on all aspects of writing, from personal writing to narrative and expository writing, and culminates with a full-term paper.

College Prep

Creative Writing - Semester

This is a friendly, student-centered course, written for all skill levels, that fosters creative writing in a variety of forms. Students explore journal writing, poetry, fiction and nonfiction such as letter writing and technical writing.

College Prep

Criminology: Inside the Criminal Mind - Semester

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology – the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds.

Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors...from arrest to punishment...help shape the criminal case process?

College Prep

Digital Photography I: Creating Images with Impact! - Semester

Have you ever wondered how photographers take such great pictures? Have you tried to take photographs and wondered why they didn't seem to capture that moment that you saw with your eyes? The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

College Prep

Digital Photography II: Discovering Your Creative Potential - Semester

In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Professional photographers have created many of the images that we see. In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography.

We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs in order to better understand what creates an eye-catching photograph.

College Prep

Drawing Animals - Quarter Term

Share your love of animals by learning to draw the wonderful critters with whom you are sharing your life. Using proper tools and techniques, drawing realistic animals can be accessible and fun for all students of art, from the elementary scribbler to the accomplished artist. Take this course and learn to draw animals, both exotic and familiar, through the use of shapes and shading.

Learn how paying close attention to details will help you see variations in facial features, fur and skin textures and muscle movements. By learning the techniques for background details, you can create nature drawings that will be cherished by family and friends for years to come.

Drawing People - Semester

This course offers step-by-step instruction on how to draw real people and still life. The course begins with exploration of measurement and proportions, then teaches students to create perspective using cubes, lines and cylindrical objects.

Assignments teach students how to use diverse media, including pencil, chalk and charcoal, to draw individual facial features and full facial portraits. Students also learn to draw a wide variety of expressions.

The course curriculum is extremely flexible and can be adapted to offer in-depth, detailed instruction in drawing techniques or an informal introduction to the joys of using art for personal expression.

English Composition - Full Year

English Composition is an excellent course for introducing 9th and 10th grade students to higher-level critical-thinking and writing skills. The course focuses on learning basic grammatical and punctuation skills and also provides an opportunity for self-expression through the book *Writing for 100 Days*. The grammar work provides an important foundation for learning to write.

Forensic Science I: Secrets of the Dead Semester

College Prep

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system.

This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

College Prep

Forensic Science II: More Secrets of the Dead - Semester

Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting.

We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.

College Prep

General Math 87 - Full Year

General Math (Saxon 87) provides an incremental approach to mathematics with practice in word problems, fractions, decimals, percentages, geometry, perimeter, circumference, area, volume, ratios, proportion, exponents, scientific notation, signed numbers, mean, median, mode, sales tax, solving equations and more.

General Math Workbooks - Full Year

Key to Fractions, Decimals, Percentages and Measurement Students are introduced to basic mathematics in an informal, nonthreatening, self-directed format. The 11 workbooks allow students to master content before proceeding to more complex concepts. This course is perfect for the student who has difficulty with math.

Grammar and Composition - Full Year

This course is designed for the student who needs extra help in mastering communication skills and fundamental principles of grammar and usage. The course focuses on teaching the composition concepts in the 6 + 1 Traits of Writing pioneered by the Northwest Regional Education Laboratories. Grammar is taught as a tool for improving communication rather than as a pure focus of study.

Oral Communication and research skills are included. Although there is some literature study in the course, it is not the focus. The course emphasizes diagnosis of student writing needs and targeting individualized needs for improvement.

College Prep

Great Minds in Science: Ideas for a New Generation - Semester

Is there life on other planets? What extremes can the human body endure? Can we solve the problem of global warming? Today, scientists, explorers, and writers are working to answer all of these questions.

Like Edison, Einstein, Curie, and Newton, the scientists of today are asking questions and working on problems that may revolutionize our lives and world.

This course focuses on 10 of today's greatest scientific minds. Each unit takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.

College Prep

Health Science: The Whole Individual Semester

Will we ever find a cure for cancer? Meningitis, tuberculosis, and the measles identified and diagnosed? Health sciences provide the answers to questions such as these. In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology.

They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

College Prep

High School Seminar - Semester

As part of our college prep program, each high school student will take part in grade-level specific college and life seminars. These courses introduce students to the importance of college and life planning, preparation for standardized tests, writing skills, decision-making strategies, time management and academic integrity all within a delivery that is appropriate for their grade level.

Students are given access to resources that allow them to explore personal interests and learning styles; take PSAT, SAT and ACT practice tests; research financial aid options and review the college and career options that best fit their needs and goals.

Each year, students will receive .5 credit for these required courses, and they will continue to develop their preparation throughout all four years of high school.

Required Course

Freshman Seminar

Focuses on the transition into high school, exploring interests, getting involved and goal setting. The students' homeroom teacher will serve as a guide through the course, supporting personal and academic growth both in managing their current North Miami Beach Academy experience and examining life after high school.

Sophomore Seminar

Focuses on academic planning, standardized testing timelines and preparation, career exploration and developing areas of personal interest.

The students' homeroom teacher will serve as a guide through the course, supporting personal and academic growth both in managing their current North Miami Beach Academy experience and examining life after high school.

Junior Seminar

Focuses on academic planning, the college admission process, standardized testing options and taking the appropriate actions to successfully prepare for senior year.

The students' homeroom teacher will serve as a guide through the course, supporting personal and academic growth both in managing their current North Miami Beach Academy experience and examining life after high school.

Senior Seminar

Focuses on college applications, financial aid, career resources and graduation. The students' homeroom teacher will serve as a guide through the course, supporting personal and academic growth both in managing their current North Miami Beach Academy experience and examining life after high school.

History of the Holocaust - Semester

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy.

The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

College Prep

Hospitality & Tourism: Traveling the Globe - Semester

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world.

This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas.

Student will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

College Prep

Human Geography: Our Global Identity Semester

How do language, religion, and landscape affect the physical environment? How do geography, weather, and location affect customs and lifestyle? Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings.

Students will discover how ideas spread and cultures form, and learn how beliefs and architecture are part of a larger culture complex. In addition to introducing students to the field of Human Geography, this course will teach students how to analyze humans and their environments.

College Prep

International Business: Global Commerce in the 21st Century - Semester

From geography to culture Global Business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected.

The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course.

Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century.

College Prep

Introduction to Geometry - Semester Eight Key Workbooks and Answer Books

Students master basic mathematics in an informal, nonthreatening and self-directed format. The workbooks allow students to master content before proceeding to more complex problems. The hands-on activities utilize tools developed by Greek mathematicians over 2,000 years ago to help students understand geometric concepts.

Geometric concepts covered include: lines, angles, triangles, perpendiculars, parallels, chords, tangents, circles, similar polygons and perimeter. Ideal for students who learn through hands-on activities.

Law & Order: Introduction to Legal Studies - Semester

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Our lives are guided and regulated by our society's legal expectations.

Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody.

This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

College Prep

Marine Science - Semester

As students explore oceans and the method that underpins the scientific process, they will begin to better understand the complexity, fragility and resilience of marine ecosystems and the role organisms, including humans, play. After an introductory exploration of the sea, students will investigate principles of ocean literacy, energetics and food web dynamics.

A foundation of oceanography sets the stage for a survey of marine organisms, followed by a detailed study of select marine animals. In addition, students will be introduced to pressing environmental issues and how humans have impacted ecosystems, often without being aware of their actions.

As the semester progresses, the interdependency of society and the aquatic systems that have shaped human evolution will become clear as students begin to understand how we have historically managed to coexist with nature and live sustainably. Important biological principles will be addressed and critical scientific methodology is explored.

College Prep

Mathematics for College Success - 1200410

This course is targeted for students who are not yet "college ready" in mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Ratios and Proportional Relationships, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling.

The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

Mythology & Folklore: Legendary Tales Semester

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore has been used as a way to make sense of humankind and our world.

Beginning with an overview of mythology and different kinds of folklore, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

College Prep

Painting - Semester

This innovative art course gives students a fresh introduction to the fundamentals of painting. Learn to begin a painter's sketchbook, take notes on interesting ideas and immerse yourself in the world of painting.

You will gain new insights on painting styles while developing your own unique style. This is a great course for the beginner or the intermediate artist.

Peer Counseling - Semester

Helping people achieve their goals is one of the most rewarding of human experiences. Peer counselors help individuals reach their goals by offering them support, encouragement, and resource information.

This course explains the role of a peer counselor, teaches the observation, listening, and emphatic communication skills that counselors need, and provides basic training in conflict resolution, and group leadership.

Not only will this course prepare you for working as a peer counselor, but also the skills taught will enhance your ability to communicate effectively in your personal and work relationships.

College Prep

Personal & Family Finance - Semester

How do our personal financial habits affect our financial future? How can we make smart decisions with our money in the areas of saving, spending, and investing?

This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students will learn more about topics such as taxation, financial institutions, credit, and money management.

The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft.

College Prep

Personal Project Portfolio - Semester or Full Year

We believe that life and learning are one and the same. At North Miami Beach Academy, students may receive elective credit for a wide range of life experiences, including research, tutorials, workshops, seminars, conferences, private classes, religious studies, community service, courses taken at a local college, etc.

The Personal Project Portfolio is an opportunity for students to design an elective and delve deeply into a subject of personal interest. It allows students to express creativity and expand thinking skills. In order to receive credit, students must document their activities in our learning system or in our secure online community site by creating a blog.

Students will be required to comment on other students' blogs. At the end of the course, students will have the opportunity to make a live presentation about their project to an audience of their peers.

Each Personal Project Portfolio earns 10 units of credit for every 36 weeks of participation at three hours per week. Eighteen weeks of participation at three hours per week earns five units of credit.

Personal Psychology I: The Road to Self Discovery - Semester

Self-knowledge is the key to self-improvement! More than 800,000 high school students take psychology classes each year. Among the different reasons, there is usually the common theme of self-discovery!

Sample topics include the study of infancy, childhood, adolescence, perception and states of consciousness. Amazing psychology experiments dealing with our own personal behavior are featured within this course.

College Prep

Personal Psychology II: Living in a Complex World - Semester

Enrich the quality of your life by learning to understand the actions of others! Topics include the study of memory, intelligence, emotion, health, stress and personality. This course features exciting psychology experiments involving the world around us.

College Prep

Philosophy: The Big Picture - Semester

This course will take you on an exciting adventure that covers more than 2,500 years of history! Along the way, you'll run into some very strange characters. For example, you'll read about a man who hung out on street corners, barefoot and dirty, pestering everyone he met with questions.

You'll learn about another eccentric who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the most brilliant and influential thinkers of all time. As you learn about these great thinkers, you'll come to see how and where many of the most fundamental ideas of Western Civilization originated.

You'll also get a chance to ask yourself some of the same questions these great thinkers pondered.

By the time you've "closed the book" on this course, you will better understand yourself and the world around you...from atoms to outer space...and everything in between.

College Prep

Practical Math - Full Year

This high school class is appropriate for students who need to catch up before taking algebra or who want to focus on practical uses for mathematics. The books and syllabus talk about life after high school and applications for mathematics in everyday and working situations. Steck-Vaughn's Math Skills for the Workforce series includes: Whole Numbers, Fractions, Decimals and Percent's, Measurement, Geometry and Algebra.

Pre Algebra - Full Year

Pre Algebra provides students with a solid preparation for algebra and geometry. Students will build on previously developed arithmetic skills to expand their algebraic thinking skills. Students will cover topics including solving equations and inequalities containing fractions and decimals, ratios, linear functions, graphing, spatial thinking, finding area and volume of geometric figures, and right triangles.

The program also provides numerous opportunities to assess basic skills along with abundant remediation and intervention activities found throughout the course.

Students have access to practice exercises and will also utilize many resources, within the classroom and beyond which will help to solidify the concepts covered throughout the course.

Public Speaking - Semester

The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both

Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair.

By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.

College Prep

Reading for College Success - Semester 1008350

This course is targeted for students who are not "college-ready" in reading. This course incorporates reading and analysis of informational selections to develop critical reading skills necessary for success in college courses.

This course prepares students for successful completion of Florida college English language arts courses requiring extensive grade-level reading. The benchmarks reflect the Florida College Competencies necessary for entry-level college courses.

ReaLife™ 101: The Life Success Formula - Semester Semester One: Life Skills

Students will learn to recognize and overcome common obstacles to success and will be introduced to the concepts of positive thinking, winning attitudes, developing effective goals and habits, dealing with peer pressure, using money wisely, making their own luck and more. This course takes students through the books Cool Stuff They Should Teach in School and Masters of Success.

RealLife™ 101: The Life Success Formula - Semester

Semester Two: Life Management

This course takes students through the Life Strategies for Teens book and workbook. Students will learn the Life Laws that lead to success and the Loser Laws that keep people from being successful. Topics explored include: self-esteem, relationships, behaviors that produce positive outcomes, defining priorities and turning dreams into goals.

RealLife™ 102: The Money Formula - Semester

Semester One: Economics

This course teaches economics from a real-life perspective. Students will work with the book Rich Dad Poor Dad for teens to develop financial intelligence. This course will cover the concepts of financial freedom, working to learn, how to make money work for you, how to manage your money, how to manage your debt, money making opportunities for teens and how to get a financial head start. Students will also learn what it's like to work at minimum wage jobs from the book Nickel and Dime.

RealLife™ 102: The Money Formula - Semester

Semester Two: Money Management

This course teaches the practical, hands-on aspects of money management, including setting money goals, saving, budgets, checking accounts, credit cards, taxes, inflation, mortgages, insurance and money-earning options.

Students will also learn about investment options such as stocks, bonds, real estate and mutual funds and how to get started with little money. The books used for this course — I Want To Be Rich! A Teenager's Modern to Money and How to Use Money Wisely Workbook — give plenty of practice in real-life money management.

Real World Parenting - Semester

What is the best way to care for children and teach them self-confidence and a sense of responsibility? Parenting involves more than having a child and providing food and shelter. Learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children.

Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course.

College Prep

Social Problems I: A World in Crisis Semester

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context.

Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

College Prep

Social Problems II: Crisis, Conflicts & Challenges – Semester

The Social Problems II course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives.

Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments and the individual.

Sociology I: The Study of Human Relationships - Semester

The world is becoming more complex. How do your beliefs, values and behavior affect the people around you and the world in which we live?

Students will examine social problems in our increasingly connected world and learn how human relationships can strongly influence and impact their lives. Exciting video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.

College Prep

Sociology II: Your Social Life - Semester

Sociology is the study of people, social life and society. By developing a “sociological imagination” students will be able to examine how society itself shapes human action and beliefs...and how in turn these factors re-shape society itself!

Fascinating video journeys will not only inform students, but also motivate them to still seek more knowledge on their own.

College Prep

Sports and Entertainment Marketing - Semester

Have you ever wished to play sports professionally? Have you dreamed of one day becoming an agent for a celebrity entertainer?

If you answered yes to either question, then believe it or not, you’ve been fantasizing about entering the exciting world of sports and entertainment marketing.

Although this particular form of marketing bears some resemblance to traditional marketing, there are many differences as well—including a lot more glitz and glamour!

In this course, you’ll have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry.

You’ll learn about how professional athletes, sports teams, and well-known entertainers are marketed as commodities and how some of them become billionaires as a result. If you’ve ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career.

College Prep

Student Mentoring Personal Project Portfolio - Full Year North Miami Beach Academy Link Crew Student Mentoring Program

Do you want to make a difference? Do you remember some of the difficulties of being in middle school? If so, mentor a middle school student by joining Link Crew! The North Miami Beach Academy Link Crew is a mentoring program that connects middle school and high school students.

We walk you through the mentoring process, give you the necessary training and support to help you feel comfortable and confident, and send you on your way to become a great mentor. Mentors provide support, guidance, and friendship to their student mentees.

High school Link Crew members act as big brothers or sisters and earn credits toward the community service hours needed for NHS requirements and/or your scholastic portfolio.

The program runs for approximately nine months, from October through June. Mentors serve as peer support for middle school students and offer tips, tools, and encouragement that reduce stress and promote confidence. Mentors are distinguished, caring, and responsible students of the North Miami Beach Academy community and possess good communication skills.



In order to be considered for the North Miami Beach Academy Link Crew Mentoring program, eligible students must be referred by a North Miami Beach Academy teacher, admissions coordinator, or other staff member, have attended CMA for at least one year, and are in good academic standing.

The Link Crew Program supports the ongoing achievement of school- wide learning goals by providing the personal support and assistance necessary to promote student engagement, development, and achievement.

The Undiscovered Artist Quarter Term

Do you have an inner artist yearning for self-expression? Have you scribbled in secret only to hide your creations from public view? If you answered “yes” to either of these questions, this is the course for you! Using the book *Drawing for the Artistically Undiscovered*, this nine- week course gently guides you through fun, creative projects that take the fear of failure out of art. You, too, can experience the triumphs of the artistically gifted!

Veterinary Science: The Care of Animals Semester

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals.

Toxins, parasites, and infectious diseases impact not only the animals around us, but at times...we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.

College Prep

Video Production - Semester

This dynamic multimedia course will introduce students to the fundamental principles and mechanics of film making. Working through the 18-lesson structure, you will be exploring the various facets of professional videography: cinematography and lighting, editing basics, pre-production and planning, rules of composition, diegetic and non-diegetic sound and the art of visual storytelling.

A variety of assignments will allow aspiring auteurs to not only get their feet wet with various field exercises and Milestone movie projects but to also gain an understanding of what goes on “behind the scenes” through applied critical thinking and problem solving.

In order to successfully complete assignments for the Video Production course, students must own or have ready access to the following: a video camera (virtually any digital camcorder will do, from recreational models such as the Sony Flip to a commercial-grade HD model such as the Canon Vixia) and editing software: for either Mac (Final Cut, iMovie or Adobe Premiere) or PC (AVID, Windows Movie Maker or Adobe Premiere/ Elements).

Vocabulary for the SAT - Full Year

This elective course is designed to increase students’ vocabulary and reading comprehension as they prepare to take the ACT and SAT exams. Listening to a CD with 13 original, hip songs, using more than 250 ACT/SAT words, students practice drills with these same words in dozens of exercises included in the accompanying McGraw-Hill text.

They also work their way through the Sadlier-Oxford text as they master hundreds of words, plus their classic roots, synonyms, antonyms and other grammatically related components.

In addition, students have access through the course to interactive games, puzzles and dictionaries, which they can use to further supplement their studies. This course can be taken for a full year or as a one-semester course.

Vocabulary for the SAT - This elective course is designed to increase students' vocabulary as they prepare to take the ACT and SAT exams. Working with over 200 vocabulary words that are most commonly used on the SAT exam, the students will master hundreds of words, plus their classic roots, synonyms, antonyms, and other grammatically related components.

Students will create connections, practice word usage, and create study guides to later help them in preparing for the SAT and ACT. In addition, students have access to interactive Games, Puzzles, and Dictionaries, which they can use to further supplement their studies.

College Prep

World Mythology - Full Year

In World Mythology, students will explore creation myths, trickster tales and hero journeys from all around the globe. Each lesson will examine a different myth in an integrated study of history, culture, literature and the arts. From ancient Egypt to the Aztec empire, the Chinese to the Celts, students will study how myths are used and interpret their meanings.

They will build on fundamental reading comprehension and analytic skills as they journey through museum exhibitions, visit archaeological digs and listen to traditional storytellers. World Mythology is an engaging English course for students who have not enjoyed English courses and for students who like to use their imaginations.

College Prep

World Religions: Exploring Diversity Semester

Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism.

Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

College Prep

Writing for College Success - 1009370

This course is targeted for students who are not "college-ready" in writing. This course incorporates language study, the practice of writing craft strategies, and the analysis of writing selections to develop critical writing skills necessary for success in college courses, preparing students for successful completion of Florida college English courses requiring extensive grade-level writing. The benchmarks reflect the Florida College Competencies necessary for entry-level college courses.

CLUBS

9-12TH GRADE

Clubs for high school offer North Miami Beach Academy students the opportunity to socialize with other students who share the same interests, talents, and goals.

Students gather in a stimulating and inviting environment where they can share with each other and dive more deeply into subjects that interest them, all under the guidance of experienced, dynamic teachers.

Clubs meet once a month on a pre-assigned day and time. Students continue to work together throughout each month on club projects and activities.

Art Club

Students look at various types of artwork, share their own art, and put together a virtual art newsletter to be shared with the school via our private social network.

Book Club

Students will choose books for the club to read each fall. Club members are encouraged to explore new genres and a variety of authors. Students will lead book discussions, respond to posts in the Book Club forum, have read-a-thons, and debate topics and authors.

Computer App Club

Computer, iPhone, iPad, tablets, etc. all have a huge range of apps that are used and created these days. Students often know a lot of very useful apps for keeping calendars, staying in touch, getting homework help, and having fun. Students can come to share new apps they've found or heard about, and maybe even learn how to create apps of our own.

Cooking Club

Students will share recipes, learn cooking techniques, tips and more.

Craft Club

Club members will learn about the historical and cultural backgrounds surrounding knitting, crochet, needle point, embroidery and weaving along with other hand crafts. In addition, students will learn the basics of each craft, work on projects in each area, and present finished projects as student interest determines.

Creative Thinking Club

Club members will have an opportunity to think outside the box. We will have a variety of creative exercises during the meetings and will also complete some tasks individually and report back on our results.

Creative Writing, Poetry, and Photography Club

Club members make up the staff of the North Miami Beach Academy Vision and Voices Magazine published at the end of each semester. The club is for students who enjoy writing and reading poetry, fiction and non-fiction and submitting photography to be published. Through peer editing and a monthly meeting, come and improve your creativity and craft.

Debate Club

Club members are provided with a topic, and take either the pro or con position. They are given a few minutes to do some research, gather their arguments, and then debate the topic until consensus is reached.

Environment Club

This club is for North Miami Beach Academy students who love nature and the Earth, and seeks to find a closer connection with the Earth and the environment, both as individuals and as a human community.

Equestrian Club

Members of this club will have a love for horses and/or riding. It will be for beginners to experienced riders. There will be no requirements except for the shared love of horses.

Students will participate in discussions, exhibit their performances, develop and participate in group projects. The Equestrian Club is a place for North Miami Beach Academy students to share their love of horses, without the stress of competition!

Fashion Club

Club members will explore the fashion world, keep up on the latest trends, and share their own original designs and get Feedback/support from other "fashionistas."

Film and Theater Club

Club members have an interest in stage theatre or the art of filmmaking. We will discuss and learn various aspects of theatre and film including character development, script/ screen writing, and presentation. Expertise or previous experiences are not pre-requisites for this club; whether you're just starting out or already on your way, your participation is encouraged!

French Club

Club members are French students who would like to have a real experience of French, France, and the French- speaking world in a very interactive environment. Our goal is to use the skills already acquired in the language, and enjoy a discovery journey of France, its landscapes and all aspects of its culture.

Gardening Club

Club members will learn how to start, maintain and harvest their own gardens. Students will be able to share their results via images and video and learn techniques for taking care of all kinds of plants.

Model United Nations Club

The Model UN club engages in an authentic simulation of the United Nations system by learning about the UN system, the skills of debate, compromise, conflict resolution and negotiation. Model UN team members have fun learning about the workings of world diplomacy through the lens of current events.

Music Club

Club members create and enjoy music. Our goal is to celebrate, educate, support, inspire, create, listen to, and express our love of the spirit of music.

Songbird Club

The Songbirds club is open to students who aspire to perform, record, and share their music. Our goal is to enjoy the musical offerings of each participant, give constructive feedback when it is invited, as well as learn techniques associated with recording, performance, voice, lyricism, and instrument arrangement. Moreover, we will also explore ideas of sound, song, and genres of music, as well as collaborate on creating pieces of music together.

Sports Business Club

This club will offer its members a new way of looking at sports- from the business side, rather than the player's side. The purpose is to let our students know and learn about alternate opportunities in the sports industry for those who want to be involved, but not necessarily play the sport.

Travel Club

Club members will have the chance to share their personal travels and pictures, exchange advice and travel tips. They will also get to explore other places they may like to visit in the future.

North Miami Beach Academy School

2023-2024 COURSE CATALOG GRADES 6-8



MIDDLE SCHOOL COURSE OFFERINGS

GRADE 6

Language Arts 600 Fundamentals

Language Arts 600 Fundamentals continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways: reading and writing.

Language Arts 600

In Language Arts 600, students will delve into texts that span the genres of narrative fiction, poetry, literary nonfiction, and informational texts to build reading, writing and thinking skills. Students will also develop their writing skills as they focus on the six traits while producing narrative, argumentative, and explanatory compositions, as well as creative pieces including poetry. The course concludes with students completing a full research report. With a strong emphasis on close reading instruction, writing and thinking activities, as well as speaking and listening tasks, this course will help students expand their understanding of literature while building 21st century skills. Multimedia and interactive elements are built into every lesson to ensure a high level of student engagement.

GRADE 7

Language Arts 700 Fundamentals

Language Arts 700 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways: reading, writing, speaking, and listening.

Language Arts 700

Language Arts 700 is a thematic study of literature that explores accounts of earth, space, and survival. Throughout this course, students will delve into texts that span the genres of narrative fiction, poetry, literary nonfiction, and informational texts. Students will demonstrate their understanding of various works by analyzing how common themes like exploration, innovation, and courage are able to transcend diverse time periods and genres. They will also develop their writing skills as they focus on the six traits while producing argumentative, narrative, and expository compositions. With a strong emphasis on close reading instruction, research activities, and speaking and listening tasks, this course will help students expand their understanding of literature while building 21st century skills.

GRADE 8

Language Arts 800 Fundamentals

Language Arts 800 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways: reading, writing, speaking, listening.

Language Arts 800

Language Arts 800 is a survey of literature that explores the work of various writers of different time periods through a historical lens. Students should enter this course with a foundation in analyzing, through a close study, various genres of literature and making connections with historical perspectives and the arts. In this course, students will build on these skills by studying a range of classic and contemporary literature to convey themes of American History, Natural History, World Civilization, and Air and Space. Students will also develop their writing skills while producing informative, argumentative, and narrative compositions. Supported by a balance of fictional and informational texts, students will learn and practice close reading, modeled reading, writing, speaking, and listening strategies.

Mathematics 600 Fundamentals

Math 600 is a full - year elementary math course focusing on number skills and numerical literacy, with an introduction to the number skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical and probability concepts.

Mathematics 600

Math 600 is a full - year elementary math course focusing on number skills and numerical literacy, with an introduction to rational numbers and the skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates ratio relationships and proportional reasoning throughout the units, as well as introduces students to geometric and statistical concepts.

GRADE 7

Mathematics 700 Fundamentals

Mathematics 700 is designed to prepare junior - high students for Pre - algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

Mathematics 700

Mathematics 700 is designed to prepare junior high students for Pre algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

GRADE 8

Mathematics 800 Fundamentals

Pre algebra is an introductory algebra course designed to prepare junior high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

Mathematics 800

Pre algebra is an introductory algebra course designed to prepare junior high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

GRADE 6

History and Geography 600

History and Geography 600 focuses on World History, with an emphasis on Western Europe. Specifically, it covers World History from ancient civilizations through the end of the 20th century, highlighting the Middle Ages and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

GRADE 7

World Civilizations 700

World Civilizations examines the growth of human society from our earliest beginnings to the present. Students will study such topics as agricultural societies, ancient civilizations, empires, trade, and migration.

GRADE 8

History and Geography 800

History and Geography 800 focuses on American History, covering the subject from early exploration through the present day, with special emphasis given to the Civil War and to inventions and technology of the 19th and early 20th centuries. These areas of focus target three major content strands: History, Geography, and Government and Citizenship

GRADE 6

Science 600

Science 600 is a basic intermediate course intended to expose students to the designs and patterns in the physical universe. This course expands on the Science 300 - 500 elementary courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 600 include the study of plant and animal systems, plant and animal behavior, genetics, the structure of matter, light and sound, kinematics, planet earth, the solar system, and astronomy.

GRADE 7

Science 700

Science 700 is a basic intermediate course intended to expose students to the designs and patterns in the physical universe. This course expands on the Science 600 course, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in Science 700 include the scientific method, overview of the four major areas of science, mathematics in science, astronomy, the atmosphere, natural cycles, weather and climate, human anatomy and physiology, and careers in science.

GRADE 8

Science 700

Science 800 is a basic intermediate course intended to expose students to the designs and patterns in the physical universe. This course expands on Science 600 and Science 700, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in Science 800 include the structure and properties of matter, measurement and mathematics of science, geology, oceanography, natural cycles and resources, science today and tomorrow, and astronomy.

NORTH MIAMI BEACH **ACADEMY**

OFFICE LOCATIONS

North Miami Beach Academy
16851 Dixie Hwy, North Miami Beach,
FL 33160, USA
Phone: 305-919-0839.
www.northmiamibeachacademy.com