



Modern English School Cairo



Jumana Lars Mourey Grade 12 Blue

*A guide to the American High School Diploma
Program of Studies
2020-2021*

MODERN ENGLISH SCHOOL

CAIRO



Modern English School Cairo is a learning community which provides a high quality education for children from Foundation Stage One to university entrance level, serving the needs of Egyptian and international families in Cairo. Our broad education is based upon the British Curriculum in Primary. In Secondary, we offer a choice between a British Curriculum, an American Curriculum and the International Baccalaureate Diploma Programme. Arabic and Religious Studies are taught throughout the school.

Our Mission:

Leadership through Education: Care, Challenge, Inspire

We Believe In:

- Recognising the value of each individual and his/her relationship with others;
- Promoting international understanding and responsible citizenship in a multicultural context, reflecting the best of Arab, Western and other world cultures;
- Providing a supportive, inspiring environment which encourages learners to aim high and achieve their aspirations;
- Creating opportunities for all to develop confidence, responsibility and integrity.

GRADUATE PROFILE

An MES Cairo graduate is:	An MES Cairo graduate can:	An MES Cairo graduate shows:
<ul style="list-style-type: none">• A leader• Confident• Articulate• Flexible• Pro-active• Reflective• Principled• Independent• Resourceful• Resilient• Inspired• Creative• Visionary	<ul style="list-style-type: none">• Communicate fluently in the English language• Intelligently express their views• Problem solve• Lead by example• Recognise personal strengths and passions• Relate well to others• Take appropriate risks• Make a difference	<ul style="list-style-type: none">• Integrity• Initiative• Empathy• Excellent interpersonal skills• Appreciation of individuals' rights and responsibilities• Cultural awareness• Respect for self and others• Global understanding• Commitment to lifelong learning• Understanding of the Egyptian culture and the Arabic language

Principal's Message



Dear Parents, Guardians, and Students:

Caring, Challenging, and Inspiring – MES Cairo is committed to excellence in education. The core business of Modern English School Cairo American section program is to foster an environment where all students are given an opportunity to learn in a highly engaging environment that values individual growth, daily success, and positive relationships. Ultimately, you will emerge at the end as confident and well-prepared individuals ready to meet the rigorous challenges that life has to offer. High school is a pivotal time in your educational career where your work ethic and career path is formed. It is our goal that no matter what your aspirations are, your teachers, the Deans of Students, and the entire administrative team are devoted to help you along your journey.

The Program of Studies is designed to provide you with information regarding course offerings, prerequisite for all courses, program options, graduation and university requirements to prepare you for your *Individual Graduation Plan* meetings. It is important that you review the information enclosed as the decisions you make now will have an impact on your future. Consider as a family the following as you make your course selections: choose courses that are appropriate and match your interests and long-term goals; choose a competitive program of study that will afford the best opportunities congruent with your post-secondary plans; select only courses you are qualified to take; keep in mind the graduation and the university requirements that match your destination country.

While the academic path you choose is very important, life in high school is more than your curricular options. Among the most important attributes you can take away from high school are an interest, passion, commitment, and background needed for your first venture into a post-secondary career. All experiences in high school should be used to create a dossier which should highlight your interests, activities, and awards achieved and earned. Striking a balance between a rigorous academic program and involvement in the school community is imperative to create a well-rounded and enriching high school experience.

In the American program, we begin the course selection process in December for grade 11 and in February for all other grade levels. Each member of the American Section Leadership Team - that includes our Principal, Vice Principal, Deans and LDD Coordinator - provides an individual counseling session for all students in which we complete an *Individual Graduation Plan* that will form the basis for all course selections. Once selections are made, the schedule for the next academic year will be built based upon student course requests. All choices impact the creation of the master schedule and staffing; select your courses carefully as **course changes can only be honored during the following academic year** if: 1) the student is not qualified to take a course; 2) the student needs a different class in order to meet graduation requirements; 3) the school made an error in course placement.

It is true that we live in an ever-changing world. Many students may one day have a career that has yet to be created. Our purpose IS to help you plan and prepare for your first venture into a career path that harnesses your interests and passions.

A handwritten signature in cursive script that reads "Rodie Geis".

Secondary Principal,
American Section

Administrative Team

Ms. Dodie Pfeil	<i>American Section Principal</i>
Mr. David McKoski	<i>American Section Vice Principal</i>
Ms. Shelby Fowler	<i>Dean of Students, Grades 7 and 8</i>
Mr. Jonathan Todd	<i>Dean of Students, Grades 9 and 10</i>
Ms. Christine Flake	<i>Dean of Students, Grades 11 and 12</i>
Ms. Adrienne Hawthorne	<i>Head of Department, English</i>
Ms. Janie Cates	<i>Head of Department, Mathematics</i>
Ms. Sally Sorial	<i>Head of Department, Science</i>
Mr. Tom Roodvoets	<i>Head of Department, Social Studies</i>
Ms. Shereen Taha	<i>Head of Department, Computer Technologies</i>
Mr. Joey Harper	<i>Head of Department, Expressive Arts</i>
Mr. Eric Newton	<i>Head of Department, Physical Education</i>
Ms. Mona Hanno	<i>Head of Department, Learning Development & Map Coordinator</i>
Ms. Estelle Thiam	<i>Head of Department, World Languages</i>
Ms. Moataza Helmy	<i>Grades 7 and 8 Administrative Officer</i> Contact Information: mhelmy1@mescairo.com
Ms. Mona Abbas	<i>Principal and Grade 9 and 10 Administrative Officer</i> Contact Information: mabbas@mescairo.com
Ms. Dina El-Sandily	<i>Vice Principal/Grades 11 and 12 Administrative Officer</i> Contact Information: delsandily@mescairo.com



New Cairo, South of Police Academy
Mailing address: P.O.Box 5, New Cairo, Tagamoa Khamis, 11835 Cairo, Egypt
Hotline: 19836 Tel: (+202) 26189600 Fax:(+202) 25379400
Email: mescairo@mescairo.com Website: www.mescairo.com

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General Information

Graduation Requirements

A minimum of 28.0 credits earned in grades 9-12 is required for a college preparatory MES Cairo diploma in the American Program. In order to graduate from MES Cairo, a student must meet set course requirements and attendance guidelines. These requirements are meant to serve as a minimum standard rather than the standard which students should strive to achieve.

Subject Area	Minimum Credits	Highly Recommended for College/University
<i>English</i>	4.0	
<ul style="list-style-type: none"> ▪English 1 ▪English 2 ▪English 3, AP Language, or AP Literature ▪English 4, AP Language, or AP Literature 		
<i>Mathematics</i>	3.0	4
<ul style="list-style-type: none"> ▪Algebra 1 ▪Geometry ▪Algebra 2 		
<i>Science</i>	3.0	4
<ul style="list-style-type: none"> ▪Biology ▪Chemistry ▪Environmental Science, Physics, or AP level Chemistry, Biology or Physics 1 or 2 		
<i>Social Studies</i>	3.0	3 +1 elective
<ul style="list-style-type: none"> ▪Global Studies 1 ▪Global Studies 2 ▪US History or AP World History 		
<i>World Languages</i>	2.0	consecutive
<ul style="list-style-type: none"> ▪Spanish or French 1 ▪ Spanish or French 2 		3-4, fluency Spanish or French
<i>Expressive Arts</i>	2.0	
<ul style="list-style-type: none"> ▪ Art & Design 1 or Digital Art & Design 1, Sculpture, Theatre, Choir, or Instrumental Music ▪ Art & Design 2 or Digital Art & Design 2, Sculpture, Theatre 2, Choir, or Instrumental Music 		
<i>Physical Education</i>	1.0	
<i>Health</i>	0.5	
<i>Religion*</i>	2.0	
<i>Arabic*</i>	4.0	
<i>Electives**</i>	3.5	

Minimum MES Cairo requirement 28.0

Students in Grades 9 through 12 earn a cumulative Grade point average (GPA). This GPA is based on the grades earned per trimester. It is important to note that the GPA earned by students in Grade 9 will be part of their permanent record (Transcript) throughout their high school career, and is a significant document for college admissions. An example is provided for you to look at in the forms section of this booklet.

Notes:

**All students follow courses in Arabic Language and Culture, and Religious Studies to fulfill the Egyptian Ministry of Education requirements.*

***Electives requested should support the expected college major as expressed on the Individual Graduation Plan worksheet [IGP]*

General Information

General Entrance Requirements for North American Universities

Although all universities in the US have different specific requirements for admissions into certain major fields, all accredited universities have basic core expectations from high school graduates. Students wishing to attend an American university should have completed, at minimum, the following during the four years of high school:

- 4 years of English
- 3 years of Mathematics
- 3 years of Science (including 2 lab sciences)
- 3 years of Social Studies
- 2 consecutive years of a world languages
- 2 years of Fine Arts

American universities view the transcript (record of academic performance) as a predictor of university success.

Although this is not the only aspect of a prospective university student's application that is taken into consideration.

1. **Rigor** – The difficulty and sustained challenges from a selected course load is noted by admissions officials. Whether or not a student challenged him/herself is called into question by the admissions officials and verified by the high school counselor. This idea of rigor is different for each student. Students should not choose courses because they will look good on a transcript, but rather if they will be successful in the courses. It is also not to say that a student should take the most difficult AP courses to be accepted in a university, because admissions officials also look at...
2. **Well-Rounded/Liberal Arts Courses** – Nearly all American universities want students that have expanded their academic “horizons” outside their comfort zone to include courses that are unrelated to their intended major. A student that wishes to major in Engineering that has also taken Drama for four years of high school (maintain a good GPA as well), is an attractive candidate for two reasons; the student has taken a subject outside of the typical engineering pre-requisites and has also shown a dedication to another subject that is not only part of an academic schedule but, because of its inherent after school and extra rehearsal time requirements can also be considered an...
3. **Extra-Curricular Activity** – The groups, teams, sometimes courses that happen outside the regular school hours give universities the bigger picture of a student's abilities. While maintaining a good GPA is important, extra-curricular activities can be the other aspect of a student's application that put them above another student with the same GPA or better. Universities want to see that applicants have loyalty, dedication, and a good work ethic. This is not always measurable by grades and scores alone. Longevity in a sports team, musical or drama group, volunteering at a local charity, etc. all show admissions officers that the applicant did consistently well and beyond what was expected of him/her during their secondary education. Universities look at this dedication of activities and community during secondary as an indicator that students will continue this same drive during their post-secondary education as well. Students are able to have this dedication recognized and acknowledge by teachers through...
4. **Letters of Recommendation** – These allow teachers, deans, and administrators to talk about the student as a person. They are an acknowledgment of the activities that students have done, services students have provided, and dedication to the betterment of the school community. These letters continue to do more than that. Recommenders write about students personally and honestly. Students do not receive their letters of recommendation, so teachers can be more in depth and personal about a student's abilities, hardships they have overcome, challenges, and strengths. Letters of recommendation provide admissions officials a deeper look into the student beyond the transcript. Recommenders also provide a different perspective of students in their ability to deal with setbacks, challenges, personal issues and authority. These letters are the inside view of a student's whole being and are very important to the admissions process.

While looking at these generalizations about university admissions in American, one must realize that all are part of the entire picture. Grades DO matter a great deal in the admissions process. Grades from 9th grade through the first term of 12th grade matter. However, if a student doesn't do well in the 9th grade, it is still possible to be considered for even some of the top universities in America. Continued improvement from 9th grade is considered when looking at prospective university students. If a student earned a low GPA at the end of 9th grade, but progressed noticeably in 10th grade and did the same in 11th grade, universities will take notice.

General Information

General Entrance Requirements for North American Universities

Finally, when researching applying for universities there are some things to take into consideration:

- Look at smaller universities and not necessarily the “big name” schools. Yes, everyone would love to go to Harvard, MIT, Columbia, etc. however, these schools are extremely competitive and perhaps a smaller less competitive (not less quality) university would help the applicant be more successful.
- If you get into a university in America, you can transfer to another university easily depending on your program and the space for you in the same program at another school. This is not readily available anywhere else in the world. Take advantage of it. Apply to a smaller university, build up a transcript and after 30 semester hours; most universities do not need to see your high school transcript SAT/ACT if you are a transfer student.
- Location, Climate, and Area – Location: Where is the university located? Is there an international airport nearby (within 2 hours)? Am I close to family that I have in the US?
Climate: Do I want desert, four seasons, four seasons with a lot of Winter, hot and humid or coastal? Area: Do I want Urban (big city), Suburban (outskirts of a big city), rural (away from a big city, but still within a drive), or college town (everything that is done in the town is associated with the university).
- Residential or Commuter – Most major universities in America have some sort of residential program (housing and meal plans). This means that students can live on campus, close to classroom and administrative buildings without the worry of expenses that are associated with having non-university housing. There are many universities that are considered “commuter” campuses. These are (mostly) full universities that cater to areas that are not located close to a major university or located in an urban area without the possibility of having residence halls. Universities that have a commuter rate (percentage of students that do not live on campus) of 75% or higher are classified as commuter.

Taking everything into consideration, the decision to apply to certain universities is a very important and personal one. You cannot decide to go to a university because your friends are going there. You cannot decide to go to a university because of where it is located with no consideration for the quality of education. All points of information mentioned above should be taken into consideration. The academic and non-academic qualities of the university are equally important. Decisions should not be made lightly. If there are general questions or concerns, some of the best people to ask about American universities are your dean of students, teachers and administrators.

General Entrance Requirements for Egyptian Universities

The Ministry of Higher Education of Egypt is the governing and body of the largest higher education system in the entire Middle East. Each university will have specific requirements, but listed below are the general conditions for enrollment into these institutions of higher learning.

- Studying the courses required for the major the students would likely study
- General Science, Arabic, Religion, PE, Music and Military Studies are not counted as courses needed to join Egyptian universities.
- Students who do not pass the Arabic and Religion exams in Thanaweya Amma can join the university, but they will not graduate unless they pass the two exams.
- Students with an American Diploma can join the university on the condition of spending 12 years of education and studying 3 years after Edadeya.
- Only 5% of the students with American Diploma and IB Diploma will be accepted in the Egyptian universities.
- Students must pass 8 subjects from G11 to G12 only [3 from G11 and 5 from G12].
- The SAT is required for admissions.
- The SAT II for the faculties of Dentistry, Medicine, and Engineering will not be counted if it is taken in the graduation year. Students should take the subject area tests no later than June of Grade 11.

Please see your Dean of Students for more information about Egyptian University requirements. You can also go to the senior university [*Google page*](#).

General Information

PLANNING YOUR EDUCATION

Modern English School Cairo is committed to assisting students in developing a course of study that meets their academic goals. Early in the second trimester of each year, students are asked to choose courses for the next academic year. During the registration process, the advisor will talk with each student as to which courses are appropriate based upon ability, performance, and future plans. A completed 4-year comprehensive plan is outlined during that Individual Graduation Plan (IGP) advisement meeting.

SCHEDULING PROCEDURES

Course request information and the Program of Studies are sent home with the students in late January. The Individual Graduation Plan meetings begin each year in February where the advisors review the student transcript, historical grades, grades in progress, and discuss the course request form.

Students and parents are encouraged to review the Program of Studies carefully. Course selections and placement are scheduled based upon the students' requests, goals outlined in the IGP, eligibility for the course, and course availability.

Due to scheduling conflicts and changes in course offerings, there are no guarantees that a student will be scheduled for all courses requested. Students should, therefore, choose alternative courses carefully as these are considered to be a part of the student's final course selection.

Course request process

Each student is expected to:

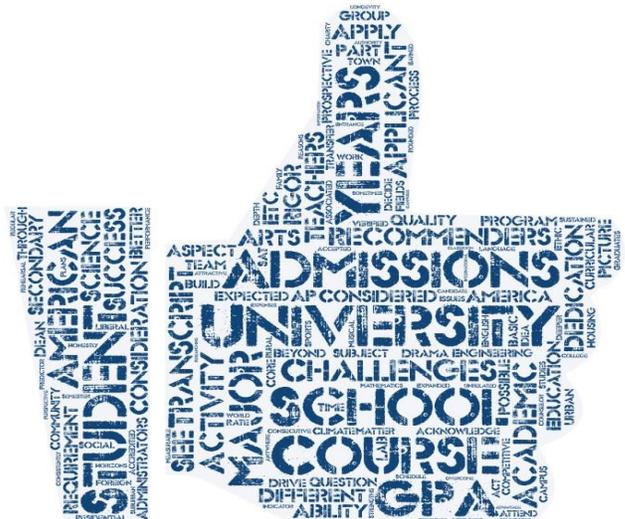
1. **Read** the Program of Studies and the course descriptions carefully with your parents.
2. **Select** courses based upon the graduation requirements and future goals.
3. **Complete** the course request form carefully and thoughtfully. Ensure your parent signs the form.
4. **Bring** the completed form, results from the online program called *mymajors*, and the Program of Studies to your IGP meeting.

Course Change Policy

Courses should be selected carefully. Students have a 4 week period to read, discuss with parents, and meet with the IGP advisor and review all information regarding course requests. Once requests have been made, the master schedule is then built based upon courses that students asked for and are eligible to take. All requests for schedule changes must be for educationally sound reasons and approved by the grade-level Dean. Course changes or altering a student schedule can only be honored under the following conditions: **1) a technical error was made in the process of scheduling the student's requests; 2) the student has been academically misplaced; or 3) there was a scheduling conflict and/or classes need to be balanced.**

Please note the following with regard to schedule changes:

- Choice of teacher cannot be honored.
- Schedules cannot be rearranged to accommodate early dismissal or late arrivals.
- Courses dropped after the drop/add period will result in a WF [withdrawal with a failing grade].



General Information

ADVANCED PLACEMENT PROGRAM [AP]

The AP program enables students to pursue college-level studies while still in high school. Every student taking an AP course will be assessed midyear to determine eligibility for the AP examination. Based upon how a student performs on the AP examination, a student may earn credit and/or advanced placement in the college related course. Students enrolled in AP courses will only receive the additional points added to their GPA if they take the AP examination. Students who enroll in AP courses will be expected to undertake rigorous and sophisticated assignments and to work independently.

Characteristics of Successful Advanced Placement Students

- ◆ Demonstrate strengths in study skills, motivation, reading skills, organization and time management skills, and initiative
- ◆ Takes responsibility for their own learning
- ◆ Spends time beyond what is expected in a college preparatory course to prepare and review
- ◆ Willingly accepts challenges, acknowledges that the work will be difficult and continues to persevere
- ◆ Ability to accept and learn from constructive criticism and mistakes
- ◆ Is intellectually curious and enjoys the learning process

Students who demonstrate these characteristics usually are the most highly successful in advanced classes.

Grade Level Classification & Course Load

In order to be promoted to the next grade level, students must meet the following requirements:

Freshmen/9th Grade: All students promoted from grade 8 or retained in the 9th grade. Students must take 8 credits total.

Sophomores/10th Grade: Student earned ALL credits attempted in grade 9; student passed all courses taken. Students must take 8 credits total.

Junior/11th Grade: Student successfully completed at least 16 credits and are enrolled in 7 additional credits for the academic year.

Senior/12th Grade: Student successfully completed 24 credits. Students must take at least 6 credits. AP students are eligible for early release or late arrival so long as the schedule allows.

Summer School

MES offers the opportunity for students to attend summer school if they need to remediate a credit or who wish to attempt to become eligible for the Honors/Advanced track. Summer school is offered during the summer break through the *University of Nebraska (UNHS)* and all examinations are proctored on the MES campus by a certified instructor. It is important to note that students are only permitted to recover credit for a total of 4 classes in 9-12th grades and students in 7-12th grades are eligible to take up to two classes per summer.

Grade Definitions & Scale

A = 100-90: meets all or nearly all the standards with excellent work
B = 89-80: meets most of the standards with work that is good
C = 79-70: meets an acceptable number of standards
D = 69-60: meets few of the standards assessed
F = 59 and below: does not meet the standards assessed

Entrance Assessments

Pre-College Entrance Assessment

PSAT – PSAT/NMSQT [Preliminary SAT; National Merit Scholarship Qualifying Test] is a standardized test that provides firsthand practice for the SAT. All 10th graders take the PSAT at MES Cairo. Any student interested in attending university in the United States, is a US passport holder, and would like to compete for the **National Merit Scholarship**, should register and re-take the exam in their junior year.

College Entrance Assessments

ACT – The American College Testing assessment is designed to a students' general educational development and their ability to complete college-level work. Tests cover 4 skill areas: English, mathematics, reading, and science. For more information, visit www.actstudent.org or see your Dean of Students.

SAT – The Scholastic Aptitude Test measures the verbal, mathematical, and reasoning of a student to forecast their likely success at the university level. The writing skill section in the new SAT is optional. Many universities use the SAT as one indicator of a student's college readiness. For more information, visit www.collegeboard.org or see your Dean of Students.

Four-Year Program of Study

MES Cairo is designed as a preparatory school for college bound students. Students are expected to fulfill course requirements that are compared to the rigor of college or university work. The **college preparatory** curricula listed below are the courses that students are required to complete. To be successful, students must be willing to make a personal commitment to study for tests independently or through study groups. All students must complete assignments, projects, and homework to the best of their ability to earn the grades they hope to achieve.

<i>Core Pathway for Graduation: MES Cairo High School Diploma</i>				
<i>Required Core for Graduation*</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>
English*	English I	English II	English III	English IV
Math*	Algebra I Geometry	Algebra I Geometry	Algebra II Statistics CP	
Science*	Biology	Chemistry	Physics: Classical Mechanics Environmental Science	Physics: Classical Mechanics
Social Studies*	Global Studies I	Global Studies II	20 th Century US History	
World Languages*	French or Spanish			
Physical Education	Physical Education & Health (Health & Personal Fitness) 9	Physical Education 10	Physical Education 11	Physical Education 12 (<i>for students NOT taking an AP course in another subject</i>)
Arabic Language, Culture and Religious Studies	Arabic Language, Culture and Religious Studies 9	Arabic Language, Culture and Religious Studies 10	Arabic Language, Culture and Religious Studies 11	Arabic Language, Culture and Religious Studies 12
Elective Courses (see Elective Courses page)	At Least One Elective	At Least One Elective	Two Electives	Five Electives

MES Cairo reserves the right to adjust course offerings as required

Four-Year Program of Study

Honors classes provide an enriched, challenging, educational opportunity with extended content and an additional workload for students intending to select these courses. The Honors program provides foundational track to the Advanced Placement [college level] courses. Students become eligible through the coursework completed at the college preparatory level, teacher recommendation, and work ethic demonstrated in previous classes.

<i>Honors Pathway for Graduation: MES Cairo High School Diploma*</i>				
Required Core for Graduation*	9	10	11	12
English*	English I Honors	English II Honors	AP English Language AP English Literature English III Honors	AP English Language AP English Literature English IV Honors
Math*	Geometry Honors	Algebra II Honors	Pre-Calculus AP Statistics	<i>(Elective courses)</i> AP Calculus AB & BC AP Statistics
Science*	Biology Honors	Chemistry Honors AP Physics 1	AP Biology AP Chemistry AP Physics 1 or 2 [elective]	<i>(Elective courses)</i> AP Physics 1 or 2 AP Biology AP Chemistry
Social Studies*	Global Studies Honors I	Global Studies Honors II	AP World History AP Art History	AP World History AP Art History
World Languages*	French or Spanish			
Physical Education	Physical Education & Health (Health & Personal Fitness) 9	Physical Education 10	Physical 11	Physical Education 12 <i>(for students NOT taking an AP course in another subject)</i>
Arabic Language, Culture and Religious Studies	Arabic Language, Culture and Religious Studies 9	Arabic Language, Culture and Religious Studies 10	Arabic Language, Culture and Religious Studies 11	Arabic Language, Culture and Religious Studies 12
Elective Courses (see Elective Courses page)	At Least One Elective	At Least One Elective	Two Electives	Five Electives

MES Cairo reserves the right to adjust course offerings as required

Four-Year Program of Study

Course electives are courses students elect to study based upon their own interests in a specific area, to support a future college major, and to provide an opportunity to explore topics and broaden a student’s repertoire of knowledge.

<i>Elective Courses: MES Cairo High School Diploma</i>				
<i>Available Course Offerings</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>
Visual Arts	Art and Design I Digital Art & Design I Sculpture	Art and Design I, II Digital Art & Design I, II Sculpture Photography	Art and Design I, II, III Pre-AP Art Photography Digital Art & Design I, II Sculpture	AP Art: 2D Design or Drawing Art and Design Photography Digital Art & Design I, II Sculpture
Performing Arts	Choir Instrumental Music Theater I	Choir Instrumental Music Theater I, II	Choir Instrumental Music Theater I, II Advanced Theatre	Choir Instrumental Music Theater I, II Advanced Theatre
English	Creative Writing Media Studies	Creative Writing Media Studies	Creative Writing Media Studies	Creative Writing Media Studies
Social Studies		Business Studies Economics International Relations	Psychology Business Studies Economics International Relations AP Economics – Micro, Macro AP Art History AP Comparative Government	Psychology AP Economics – Micro, Macro Business Studies Economics AP Art History AP Comparative Government International Relations
Physical Education	Advanced Sports & Fitness	Advanced Sports & Fitness	Advanced Sports & Fitness	Advanced Sports & Fitness
World Languages			Honors French III Honors Spanish III	AP French Honors Spanish IV
Computer Science	Multimedia Computer Applications Digital Animation	Multimedia Computer Applications AP Computer Science Principles Digital Animation	Multimedia Computer Applications AP Computer Science Principles Digital Animation	Multimedia Computer Applications AP Computer Science Principles Digital Animation
Science		AP Physics 1 Classical Physics	AP Physics 1 AP Physics 2 AP Chemistry AP Biology Environmental Science	AP Physics 1 AP Physics 2 AP Chemistry AP Biology Environmental Science

MES Cairo reserves the right to adjust course offerings as required

COURSE INFORMATION

~English~

The MES Cairo English Department follows an American Curriculum for the English Language Arts, offering a varied and rigorous program which integrates the main subject elements of *Reading, Writing, Listening, and Speaking*. Students are assessed against the *American Common Core State Standards* in Reading, Writing, Speaking and Listening and Language. Preparation for exams such as the PSAT, SAT, and ACT are woven throughout the curriculum. Successful completion of the class will result in a student earning 1 credit.

English I - Grade 9

In Grade 9 English I, a range of methodologies are incorporated to teach literature, grammar/usage, writing, comprehension, speaking, and listening. In keeping with the American High School philosophy, students are expected to rely on a range of learning styles to maximize achievement across units of study. Writing is emphasized throughout, wherein students gain strength in each phase of the writing process. Students write from a variety of genres, modes, and organizational patterns; thereby developing skills in evaluating written work. Students are introduced to a range of literature modes. Short stories, novels, and supplemental works are read. Throughout, they are expected to engage actively in the learning process. Preparation for the PSAT is addressed throughout the year through vocabulary study and reading comprehension practice.

English I Honors – Grade 9

Pre-requisite: Teacher recommendation, MAP scores and class grade average will be used to determine placement.

This class is designed to prepare students for the rigors of an Honors English curriculum throughout High School. Students will read a variety of texts, including fiction and non-fiction from a wide range of time periods. In so doing, they will hone their abilities to appreciate the historical context of literature and to recognize the nuances of a writer's craft, becoming sensitive to the tone and underlying meaning of a written work. Students will be expected to be active participants in this course, contributing to discussions, asking questions, and questioning their assumptions and beliefs.

Most of the writing for this course will be analytical and argumentative in nature, with special focus on timed, literary pieces. Since this is an advanced course, students will be held to more rigorous grading standards and homework expectations.

English II - Grade 10

Students continue to engage in integrated study of English Language and Literature. In Grade 10, students build upon the skills they learned in Grade 9.

Literature, grammar/usage, composition, speech, listening, and critical thinking are integrated into the curriculum to deepen understanding of the many functions of language. Students write in a variety of genres, modes, and organizational patterns and, in the process, further hone their skills evaluating written work.

Readings are drawn from prose, drama and poetry representing a range of world literature that covers various periods and genres. Students are expected to analyze common themes as they arise and to identify and discuss the author's craft, skills that will be required in advanced English courses.

Throughout the course, students work on individual and group projects; therefore, active participation is expected in all aspects of the course. All students in Grade 10 take the PSAT in October.

English II Honors - Grade 10

Pre-requisite: Successful completion of Grade 9 Honors and teacher recommendation OR a combination of teacher recommendation, MAP scores and class grade average in English I.

This class is designed to prepare students for the rigors of an Advanced English curriculum throughout High School. Students will read a variety of texts, including fiction and non-fiction from a wide range of time periods. In so doing, they will hone their abilities to appreciate the historical context of literature and to recognize the nuances of a writer's craft, becoming sensitive to the tone and underlying meaning of a written work.

Students will be expected to be active participants in this course, contributing to discussions, asking questions, and questioning their assumptions and beliefs.

Most of the writing for this course will be analytical and argumentative in nature, with special focus on timed, literary pieces. Students are expected to be skilled at essay organization and the mechanics of writing prior to entering this course; therefore, a teacher recommendation is required along with a grade average of B+ or above. Since this is an advanced course, students will be held to more rigorous grading standards and homework expectations.

COURSE INFORMATION

English III - Grade 11

In Grade 11, students engage in study that integrates literature, grammar/usage, composition, speech, listening, and critical thinking. Major emphasis is on strategies to develop skills in all phases of the writing process. Students write from a variety of genres, modes, and organizational patterns. In particular, students will write an argumentative research paper, and students will become familiarized with the MLA format of documentation. Readings are drawn from prose, drama and poetry representing a range of world literature that covers various periods and genres. In preparation for the SAT I, students engage in practice tests and process-oriented assignments that encourage critical reading. Additionally, writing assignments include timed writing prompts from past SAT I tests.

English III Honors - Grade 11

Pre-requisite: Successful completion of Grade 10 honors with a B+ or higher or teacher recommendation; PSAT scores considered

This class is designed to prepare students for the rigors of an Advanced Placement course in Grade 12.

Students will read a variety of texts, including fiction and non-fiction from a wide range of time periods. In so doing, they will hone their abilities to appreciate the historical context of literature and to recognize the nuances of a writer's craft, becoming sensitive to the tone and underlying meaning of a written work. In keeping with the American section philosophy, students will be expected to be active participants in this course, contributing to discussions, asking questions, and questioning their assumptions and beliefs.

Most of the writing for this course will be analytical and argumentative in nature, with special focus on timed, literary pieces. Students are expected to have sound foundations in essay organization and the mechanics of writing prior to entering this course; therefore, a teacher recommendation is required along with a grade average of B+ or above. Since this is an advanced course, students will be held to more rigorous grading standards and homework expectations.

AP English Language and Composition – Grade 11-12

Pre-requisite: Acceptance into the rigorous AP English Language and Composition course will be determined solely on teacher recommendation.

This course is designed for those ready to engage in college level work and consists of readings and exercises that develop sensitivity to language and composition. Students learn to analyze purpose and writer's craft in non-fiction works. They then learn to apply the same tools in their own writing. Students learn the fundamentals of answering AP questions and practice using the skills that will be tested on the AP examination. Frequent essay writing will be expected and a dedicated approach to English study is essential. Readings are intended to stimulate students' familiarity with a range of quality works, and this, in turn, informs discussion of style and linguistic devices. Students learn relationships between writer and audience, become sensitive to the tone of a written work, develop an awareness of the diverse uses of language, and hone abilities to write well-organized, insightful compositions. Student writings throughout must be sustained at a high level, and this reflects the expectation that AP candidates demonstrate the ability to produce college-level work.

A student who completes course requirements and successfully sits for the AP examination, according to standards set forth by the college wherein he/she matriculates, may receive college credit.

AP English Literature and Composition - Grades 11-12

Pre-requisite: Acceptance into the rigorous AP English Language and Composition course will be determined solely on teacher recommendation.

An AP English Literature and Composition course engages students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students deepen their understanding of the ways in which writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Student writings throughout must be sustained at a high level, and this reflects the expectation that AP candidates demonstrate the ability to produce college-level work.

A student who completes course requirements and successfully sits for the AP examination, according to standards set forth by the college wherein he/she matriculates, may receive college credit.

COURSE INFORMATION

English IV - Grade 12

Students engage in study that integrates literature, grammar/usage, composition, speech, listening, and critical thinking. Emphasis is on achievement of excellence in literacy and language skills, and the curriculum is intended as an anticipatory experience for language challenges encountered in post-secondary education.

World literature is explored through outside reading, class discussion, research, and composition work. Readings, including fiction and non-fiction assigned from the textbook, novels, plays, poems and supplemental materials. Emphasis is placed on critical reading strategies to prepare students for the rigors of college. Students will write papers specific to their readings, including empathy pieces for literature, analysis essays, evaluation essays, and reflective essays. In addition, timed writing will be emphasized.

English IV Honors - Grade 12

Pre-requisite: Teacher recommendation, successful completion of AP Language and Composition in Grade 11, or a B+ or better in Grade 11 Honors English

This course is designed for students who successfully complete AP Language in Grade 11, or who completed Grade 11 Honors and wish to continue in honors. In English 12 Honors, students will engage in high-level literature analysis, in-depth research and discussions, and extensive reading and writing opportunities in order to expose them to a range of literary genre and authors in preparation for a rigorous course of study in college. Readings will include fiction and non-fiction, novels, plays, poems and supplemental materials that reflect a range of genres, cultural perspectives, and historical periods. Students will write papers specific to their readings, including empathy pieces for literature, analysis essays, evaluation essays, and reflective essays. Since this is an advanced course, students will be held to more rigorous grading standards and homework expectations, including extensive, out-of-class reading assignments.

~English Electives~

Creative Writing –Grades 9-12

This course is designed for students who want to develop their skill and talent in writing creatively. Students learn to recognize and use techniques such as description, characterization and narration as they progress from specific assignments to independent creative compositions. Students will further their skills as creative writers by writing works of short fiction, creative non-fiction, poetry, drama, and screenplays. Publication is an integral part of the curriculum with students encouraged to submit their writing to various contests.

Media Studies - Grades 9-12

In today's world, Media Studies is important. The media determine much of our cultural diet and weave part of the fabric of our lives. Media are major sources of modern culture and entertainment and are major industries inextricably involved in commerce. Like literature, the media require us to learn and use critical thinking skills and help define how we communicate with each other. Studying mass media is like the study of rhetoric, because the media use special codes and conventions of their own languages that we need to understand. Students enrolled in this course will be expected to both analyze and produce media including news and feature articles, editorials, reviews, films, television, and social media.

The study of media includes:

- Audiovisual media (film, television, radio, video, photography)
- Print based media (newspapers, magazines and related publications)
- Digital media technologies (the internet, computer games and interactive multimedia)
- Media and cross media processes and production, popular music, popular culture,
- Cyber-culture and virtual worlds, convergence and hybridization,
- Information dissemination and retrieval technologies

Students will be assessed on a range of both practical and written tasks, quizzes, projects, and a major end-of-course assessment test.

COURSE INFORMATION

~Social Studies~

The MES Cairo Social Studies Department follows an American Curriculum for Humanities. The courses we offer provide students with the opportunity to learn about the vast human experience including laws, languages, institutions, politics, military conquests, and economic theories. These courses challenge students to think about what has been, what is and what might be. Successful completion of the class will result in a student earning 1 credit.

Global Studies I - Grade 9

Study of world events begins at the onset of the medieval era in the seventh century and continues through the eighteenth century. Students will explore history, plus economics, geography, government, and more across a range of societies around the world. They will read from a variety of sources and will be challenged to think critically through discussions, essays, and creative projects.

Honors Global Studies I - Grade 9

Pre-requisite: HOD Recommendation and B or higher in Gr 8 Social Studies

This course surveys world history through the medieval and early modern eras. Students will examine history and also examine economic principles, geography, politics, and important works of art. They will read from a variety of challenging sources and will think critically through discussions, essays, and creative projects.

Global Studies II - Grade 10

This study of world events begins in the mid-eighteenth century with the European Enlightenment and continues to the present day. Students will examine the course of events in a variety of global societies, comparing contemporary societies as well as recognizing change over time within a single place. Exploration of contemporary global demographic trends will offer insight into the unfolding events of the twenty-first century. Students will read from a variety of sources and engage in a range of written and creative assignments.

Honors Global Studies II - Grade 10

Pre-requisite: HOD Recommendation and B or higher in Gr 9 Global Studies I

This course surveys world history of the past two hundred years. Students will examine history in a variety of places around the world, as well as how economics, geography, and government affect one another. Students will read from a variety of rigorous sources and engage in a range of written and creative assignments

United States History – Grade 11

This course examines the United States' governmental structure, modern history and role in the broader historical context. Special attention will be paid to social and cultural history, with students being exposed to a range of American music, art, and literature. Comparisons will be invited between the American experience and that of Egypt and other societies. An investigation of contemporary demographics and current events will round out the year.

~Social Studies Electives~

Economics - Grades 10-12

This course explores the basic principles of market-driven economies. The first half of the course will explore prediction and patterns in economic theory. The remainder of the year will introduce students to the key concepts in macroeconomic theory, ranging from the role of government intervention to macroeconomic measurements to issues relating to trade.

Business Studies - Grades 10-12

This course surveys the issues related to the establishment and maintenance of a business. Topics include business ethics, management and leadership, accounting, marketing, and risk assessment. In addition, the course will explore fundamental marketing principles and their application to the business world.

Psychology - Grades 11-12

This course surveys the basics of both behavioral and social psychology. Essential thinkers in the field, such as Freud, Jung, and Skinner, will be studied. In addition, the basic structure and workings of the human brain will be examined. Famous psychological experiments and relevant case studies will allow students to study the use of these basic psychological methods and systems in laboratories and real life.

AP Macroeconomics - Grades 11-12

Prerequisite: HOD Recommendation and B or above grade average in Gr 10 Social Studies and Mathematics; Business Studies or Economics recommended

This course is an *introduction to the macroeconomic* principles explaining national behaviors and movements and trends of the world economy. Students must demonstrate continued progress to remain in the course. Those who meet the contract requirements are expected to take the AP examination near the end of the year.

COURSE INFORMATION

AP Microeconomics - Grades 11-12

Prerequisite: HOD Recommendation and B or above grade average in Gr 10 Social Studies and Mathematics; Business Studies or Economics recommended

This course is an *introduction to the microeconomic* principles of supply and demand, market analysis, and consumer behavior. The course is designed to develop students' interest in economics. Students must demonstrate continued progress to remain in the course. Those who meet the contract requirements are expected to take the AP examination near the end of the year.

AP World History - Grades 11-12

Prerequisite: HOD Recommendation and B or above grade average in Gr 10

This *course* exposes students to a university-level survey of world history from the Stone Age to the twentieth century. The truly global scope of the course offers balanced coverage of all major regions of the world. Students will hone the thinking, writing and critical reading skills that will be essential for success in higher education. Students must demonstrate continued progress to remain in the course. Those who meet the contract requirements are expected to take the AP examination near the end of the year.

International Relations (MUN) - Grades 10-12

Model United Nations affords students an opportunity to participate formally in cooperative problem-solving and diplomacy. Students will prepare extensively with research, written statements, and practice speeches related to current events and contemporary global issues. They are required to attend at least one school-approved MUN conference, where their performance will constitute a significant part of the course's grade.

AP Comparative Government - Grade 11-12

Prerequisite: HOD Recommendation

This *course* offers students a survey of six different governmental styles in use around the world today. A series of case studies allows students to explore these styles through history and in the present. They will better understand the principles that guide current events both today and throughout their lives. Those who meet the contract requirements are expected to take the AP examination near the end of the year.

AP Art History - Grades 11-12

Prerequisite: HOD Recommendation

This *course* offers a survey of world art historical traditions. It explores key artistic artifacts from many different societies – Europe, the Middle East, India, East Asia, and elsewhere – across time. Students will analyze both how these works affected people and were influenced by the historical setting in which they were created. In doing so, they will gain new appreciation for the art and architecture around them and how it colors life today. Students who meet the contract requirements are expected to take the AP examination near the end of the year.

COURSE INFORMATION

Mathematics Department Course Offerings

Subject	Grade Level	7	8	9	10	11	12
Math		✓					
Pre-Algebra			✓				
Algebra I Honors			✓				
Algebra I				✓			
Geometry Honors				✓	✓		
Geometry				✓	✓		
Algebra II Honors				✓	✓		
Algebra II					✓	✓	
Statistics						✓	✓
Pre-Calculus Honors						✓	✓
Pre-Calculus						✓	✓
AP Statistics						✓	✓
AP Calculus AB & BC							✓
Calculus						✓	✓

*all course availability subject to scheduling and the number of student requests



COURSE INFORMATION

~Mathematics~

The Mathematics curriculum creates an environment of inquiry where reasoning is emphasized. Reasoning is developed when students think independently applying mathematics modeling to relationships and real-world situations. In the curriculum the student develops an understanding of numerical, graphical and algebraic representations. Concepts and procedures are both developed and considered necessary for the student progress. In each classroom, within a respectful environment, student's curiosity is challenged and motivated in a medium of problem solving and creativity.

At MES, the mathematics program provides students with thorough preparation for future study in any discipline that requires mathematics.

Graphic Calculator: A TI-84, TI-89 or TI-Inspire graphic calculators is **required** for all grades from Grade 9 through Grade 12. Graphic calculators are crucial to understanding concepts taught in mathematics throughout the American curriculum. Successful completion of the class will result in a student earning 1 credit.

Online Class Offerings - Grades 9-11

At MES there are online Mathematics course offered in affiliation with Nebraska University. Classes are offered for students who were not successful in passing one of their high school Mathematics courses during the academic year. Also classes are offered as an option for students from standard classes who wish to join the Honors track. Guidelines and regulations for passing these classes must be followed to guarantee a smooth transfer from one level of Mathematics to another.

Course Offerings: Standard Classes -

Students in standard classes are required to take mathematics classes in Grades 9 - 11. Curriculum provides the student in these classes with solid foundation for college entrance whether locally or internationally. In Grade 12 the student has the option to take another math class. It is recommended to take math each year until graduation. According to the NACAC (National Association of College Admission Counseling), *students who take math in each year of high school are far more successful in college than students taking only three years. Math is the tool you will use for many other classes, especially those in science.*

Honors Classes:

Students in honors classes investigate the same course content and standards in greater depth than their peers in standard classes. Students are expected to be independent thinkers and learners. They have to be proficient at computing, applying processes, problem-solving, and analyzing complex mathematical concepts. Assignments and assessments are more rigorous and more work is demanded from the student. Math students at all levels are expected to spend 45-90 minutes on average outside of class per class meeting completing assignments and studying for the class. Students in honors or AP classes should expect to spend an additional 30-60 minutes studying per class meeting than their peers in regular courses. Students qualify for an Honors class by MAP scores, behavior towards learning, previous course grades and by teacher recommendation. Honors students who score a B or above are expected to continue in the honors classes the following year. *Students who fail to satisfy this requirement will be expected to repeat the same class in the standard CP track unless they choose to take an online class in the same subject and follow the guidelines implemented by the school.*

Algebra I - Grade 9

Prerequisite: Pre-Algebra

Algebra I is the introduction of variables, constants, expressions and equations. After completing the course, students will be able to perform basic operations with integers and rational numbers, solve equations and inequalities and word problems, perform operations with monomials and polynomials, factor polynomials, simplify rational expressions, graph linear equations and determine slope, x-intercept, and y- intercept solve systems of linear equations, factor quadratics, and solve quadratic equations.

Geometry Honors - Grade 9-10

Prerequisite: G8 Algebra I Honors (with B or above), MAP scores, accompanied with Teacher's Recommendation

This course is a rigorous study of all topics in Geometry including principles of logic, coordinate geometry, perimeter/circumference and area of polygons and circles, and surface area and volume of solids. Topics such as parallel lines and planes, congruent triangles, inequalities and quadrilaterals together with various forms of proof are also studied.

COURSE INFORMATION

Geometry - Grade 9-10

Prerequisite: Algebra I

Geometry is a comprehensive course featuring coverage of geometric terms and processes, logic and problem solving. After completing the course students will be able to use several types of statements to construct proofs, name various types of special lines and angles as well as a variety of properties of lines and angles, name types of geometric figures as well as the properties of these figures and determine perimeter/circumference, area, surface area and volume of geometric figures.

Honors Algebra II - Grade 9-10 *Prerequisite:*

Geometry Honors (with B or above), MAP scores, accompanied with Teacher Recommendation

Students who successfully complete the Grade 9 Honors Math course to the above standard will take Algebra II Honors in Grade 10. Students are prepared for pre-AP or IB Mathematics classes. The course covers a review of Algebra 1 topics. Also included are solving quadratic equations over the complex numbers, powers, roots and radicals, variation, operations on rational expressions and functions. The graphing calculator will be integrated into problem sets throughout the course. This course emphasizes applications of functions, equations, sequences and series.

Algebra II - Grade 10-11

Prerequisite: Geometry

Algebra II is the continued study of math concepts from Algebra I. This course covers most of the topics stated in the Honors Algebra 2 description. This course is designed to incorporate more time for practice. Successful completion of this course will allow students to take Pre-Calculus, or Statistics.

~Mathematics Electives~

Statistics - Grade 11-12 *Prerequisite: Algebra II with C or above, accompanied with Teacher Recommendation*

This course is designed to provide students with a comprehensive background in statistics and probability together with hypothesis testing. The course will cover a selection of topics from the following areas: data analysis, probability, experimental design, confidence intervals, and hypothesis testing.

Honors Pre-Calculus - Grade 11-12 *Prerequisite: Algebra II Honors with a B minimum*

This is a pre-AP course. It prepares the students for higher level of thinking which is encountered in the advanced placement classes offered by the College Board. Students expect rigorous mathematic applications and modeling. This course covers functions and their transformations: polynomial, rational, exponential, logarithmic and circular. Trigonometry and analytic geometry are heavily analyzed together with mathematical induction.

Pre-Calculus - Grade 11-12

Prerequisite: Algebra II

This course provides students with a strong foundation of pre-calculus concepts, techniques, and applications to prepare students for more advanced work. Curriculum is similar to that taught in Pre-Calculus honors with less rigor.

Calculus - Grade 11-12 *Prerequisite: Pre-Calculus Honors; Teacher Recommendation*

This is similar to Calculus I at the university level and serves as an introductory Calculus class. Topics will include the following: limits, differentiation and limited applications, integral techniques and finding area and volume using integration.

COURSE INFORMATION

~Mathematics Electives~

Grade 11-12 - AP Statistics

Prerequisite: Algebra II Honors and/or Pre-Calculus Honors - Minimum grade B and Teacher Recommendation

This is a university level introductory Statistics class. The course strictly follows the curriculum implemented by the College Board. The course tests students in conceptual comprehension of these statistical topics: data display and analysis, probability, experimental design and requirements, confidence intervals, and hypothesis testing. Students are required to take the College Board AP Statistics exam at the end of the course to retain the step-up GPA.

AP Calculus (AB & BC) - Grade 12

Prerequisite: Pre-Calculus Honors – Minimum Grade B and Teacher’s Recommendation

This class is similar to both Calculus I and II at the university level. The course strictly follows the curriculum implemented by the College Board. The course tests students in the conceptual comprehension of these Calculus topics: limits, differentiation and its applications, integration and application through volume rotation and areas under the curves. BC students will study series and extension to differential and integral concepts not taught at the AB level. Students are required to take the College Board AP Calculus AB exam at the end of the course in order to retain the step-up GPA. Students are required to take the College Board AP Calculus AB or BC exam at the end of the course in order to retain the increased GPA.

COURSE INFORMATION

~Science~

All scientific disciplines share a common method for testing hypotheses in order to gain knowledge. However, the range of topics that can be studied in a scientific way is quite diverse. In order to develop true scientific literacy, a student must be exposed to five general areas of study: Biology, Chemistry, Physics, and Environmental Science. The final one requires a basic understanding of the first three to be fully appreciated is offered as an elective for 11th graders. The MES Science curriculum has been developed with *this sequence* in mind. The driving principle is that a foundation in Biology, Chemistry, and Physics will be examined at appropriate levels of depth and breadth at different grade levels. Successful completion of the class will result in a student earning 1 credit.

Biology - Grade 9-10

This course is designed for students to gain a better understanding of the living world around them through a highly structured, lab-based curriculum. Students will be introduced to new ideas and concepts as well as gain knowledge needed to further their scientific studies through various teaching methods and strategies. Topics studied are the basis of life, chemistry of life, cell structure & function, cell transport, photosynthesis & cellular respiration, cell division, genetics, protein synthesis, evolution, ecology, and human biology.

Honors Biology - Grade 9-10

*This course is **required** for AP Biology.*
Prerequisites for grade 9: Minimum of a B+ in grade 8 Physical Science and recommendations from the grade 8 Science teacher and HOD of Science.
Prerequisites for grade 10: Minimum of B+ in grade 9 Chemistry and Honors/Biology teacher and HOD of Science recommendations.

This course is required for entry into the AP Biology course as an 11th or 12th Grade student. Students must achieve a B+ or better and be recommended by the head of the American Science Department to enter AP Biology. The course introduces students to the main concepts of modern biological thought: evolution, the chemistry of life, emergent properties of organisms in relation to chemistry and physics, rules for structuring the biosphere, cell structure and function, and human biology.

Chemistry - Grade 9-10

This course is designed for 9th/10th Graders that want to gain a better understanding of the physical world through highly structured, lab-based curriculum. Core principles that are covered in the class include, matter, density, atomic theory, periodic table trends, bonding, chemical reactions, and stoichiometry.

Honors Chemistry - Grade 9-10

This course is required for AP Chemistry.
Pre-requisite for grade 9:
Minimum grade of B+ in grade 8 Physical Science, and recommendation from the Honors/Math teacher and HOD Science.
Pre-requisite for grade 10:
Minimum grade of a B+, and recommendation from the Honors/ Biology teacher and Honors/Math teacher and HOD of Science.
This course is **required** for AP Chemistry with a pre-requisite grade of a B+, and recommendation from the Honors/ Biology teacher and HOD of science department. The course builds upon the concepts and principles of regular chemistry, with a focus on molecular geometry, spectroscopy techniques, solubility, gas laws, thermodynamics, chemical kinetics and acid and base theory.

Environmental Science - Grades 11-12

This course is offered for either 11 or 12 students as a science elective. It is recommended for students interested in the environment, or in gaining a broad understanding of how science plays a part in our everyday lives. The course will focus upon current environmental issues in the media, the principles of ecology, resource management, energy use, global climate cycles, the changing Earth over time, population ecosystems, biodiversity, pollution, waste management, and energy use. Local, regional, and global issues will be discussed in the course.

COURSE INFORMATION

Physics: Classical Mechanics - Grades 10-12

Prerequisites: Chemistry (Regular or Honors) with a minimum grade of B

This course is designed for 11th and 12th Graders who want to gain a better understanding of motion, gravitation and mechanical energy. This course focuses on Classical Newtonian Mechanics. Specific topics that will be covered include Linear Motion; Projectile Motion; Dynamics and Newton's Laws; Work, Power and Energy; Momentum; Circular Motion. At the end of the year students conduct an independent investigation that explores topics such as industrial design, sports medicine and astronomy in depth using concepts learned during physics class.

AP Biology Grades - 11-12

Prerequisite: Honors Biology 9/10 and Honors Chemistry 9/10. A minimum Grade of B⁺ is required in both pre-requisite courses

The AP Biology course is a Grade 11 elective course. It is designed to be the equivalent of a two-semester, introductory college course. Students who score a three or higher on the AP Exam may receive college credit for the course at some universities. AP Biology is designed and paced for high level students with an emphasis on laboratory work. It focuses on the following topics: science as a process, evolution, energy transfer, continuity and change, relationship of structure and function, regulation, interdependence in nature, and technology and society. The AP exam focuses on the following; 25% molecules and cells, 25% heredity and evolution, and 50% organisms and populations.

In some cases, students may have to take an entrance exam in order to qualify for this course. Entry is also based upon Head of Department recommendation.

AP Chemistry - Grades 11-12

Prerequisites: Honors Chemistry 9/10 and Algebra I; A minimum Grade of B⁺ is required in both pre-requisite courses

The AP Chemistry course is a Grade 11 – 12 elective course. This is a college-level course designed to allow students to be better prepared for college and possibly earn college credit for their work. Therefore, students need to be aware that this class is fast pace. There will be homework nightly and students must attend all classes. In this course students will be exposed to the topics that are found in the typical introductory college chemistry class. Some of the major topics include: states of matter, types of chemical reactions, bonding, molecular geometry, kinetics, thermodynamics, structure of the atom, equilibrium, acids and bases, nuclear chemistry, organic chemistry, electrochemistry, and coordination chemistry. Several well-designed experiments provide a laboratory experience equivalent to that experienced in the typical college chemistry lab.

AP Physics 1 - Grade 10-12

Prerequisites: Grade 10-Must concurrently be enrolled in Honors Chemistry; Passing grade on the Physics Mathematics Diagnostic Exam; Algebra II [taken concurrently or completed]

This is a course equivalent to the first semester of an algebra-based college-level physics class. The course follows the curriculum implemented by the College Board. Students are required to take the College Board AP Physics 1 exam at the end of the course in order to retain the step-up GPA. Specific topics that will be covered include Linear Motion; Projectile Motion; Dynamics and Newton's Laws; Work, Power and Energy; Momentum; Circular Motion; Harmonic Motion; Mechanical Waves; Introductory Electrostatics and Simple DC Circuits. Laboratory experiments will be predominantly open-inquiry where the students must develop their own procedure, data presentation and analysis to answer open-ended questions about each unit. Please note that 10th grade students opting to take Physics must take it as one of their elective classes.

AP Physics 2 - Grade 11-12

*Prerequisites: Minimum score of a 3 on the AP Physics 1 exam of the **College Board** ; Pre-Calculus [taken concurrently or completed]*

This is a course equivalent to the second semester of an algebra-based college-level physics class. The course follows the curriculum implemented by the College Board. Students are required to take the College Board AP Physics 2 exam at the end of the course in order to retain the step-up GPA. Specific topics that will be covered include Optics; Electrostatics; DC/AC/RC Circuits; Magnetism; Thermodynamics; Fluid Mechanics; Nuclear, Quantum and High Energy Physics. Laboratory experiments will be predominantly open-inquiry where the students must develop their own procedure, data presentation and analysis to answer open-ended questions about each unit.

ELECTIVE COURSE INFORMATION

World Languages Course Offerings

<i>Grade Level</i>	7	8	9	10	11	12
Subject						
Introduction to French	✓	✓				
French I			✓	✓	✓	
French II				✓	✓	✓
French III [Honors]					✓	✓
AP French						✓
Introduction to Spanish	✓	✓				
Spanish I			✓	✓	✓	
Spanish II				✓	✓	✓
Spanish III [Honors]					✓	✓
Spanish IV [Honors]						✓
AFL Beginners 1	✓	✓	✓	✓	✓	✓
AFL Beginners 2	✓	✓	✓	✓	✓	✓
AFL Standard 1	✓	✓	✓	✓	✓	✓
AFL Standard 2	✓	✓	✓	✓	✓	✓
AFL Standard 3	✓	✓	✓	✓	✓	✓
AFL Standard 4	✓	✓	✓	✓	✓	✓

*all course availability subject to scheduling and the number of student requests



Elective Course Information

~World Languages~

French I - Grade 9-11

Prerequisite: Grade 8 French – Teacher’s Recommendation

The course is designed to develop the four language **skills** of listening, reading, writing and speaking. The students will develop their ability to use French as a practical means of **communication** in a wide range of contexts. Students are introduced to an extensive range of vocabulary and grammar to enable them to acquire an effective and accurate command of the language. As well as the linguistic elements involved, students are introduced to the **culture** and way of France and French speaking countries. In G9, we learn to communicate in French about the following topics: describing friends and family, celebrations, food, cooking, places, events, and morning routine.

French II - Grade 10-12

Prerequisite: French I – Teacher’s Recommendation

As a progression beyond French I, students reinforce and further develop linguistic **skills** that enable effective communication both in speaking and writing. Students learn to cope with unpredictable situations in the target language and to further apply their language learning skills. The study of grammar and its practical application will continue throughout the course in order to prepare students who wish to undertake French III. Students will also have the opportunity to explore the elements of French poetry and literature. In G10, we learn to **communicate** in French about the following topics: activities, parts of the body; injuries and illnesses, movies, holidays, and literature.

French III Honors - Grade 11-12

Prerequisite: French II – Teacher’s Recommendation

As a progression beyond French II (A), students will develop more sophisticated listening, speaking, reading and writing **skills**. Throughout the course, students will examine a wide range of aspects of **cultures** where French is spoken and they will be expected to research and report on these topics. Students will develop their ability to understand and work with literary texts, newspaper articles and other authentic materials. Students will also be expected to supplement their work with independent study (reading books, newspapers, magazines, watching and analyzing French films etc.). In G11, we learn to **communicate** in French about the following topics: future, transport, holidays, food, complaints, hobbies, health and body, illness and clothes.

AP French - Grade 12

Prerequisite: French III (AP French prep.) – Teacher’s Recommendation

The course emphasizes the uses of language for active **communication** and helps students develop the following:

- The ability to understand spoken French in various contexts;
- a French vocabulary sufficiently ample for reading newspaper and magazine articles, literary texts, and other nontechnical writings without dependence on a dictionary; and
- The ability to express themselves coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French.

Course content will reflect the intellectual interests shared by the students and teacher (the arts, current events, literature, sports, etc.). Materials might well include audio and video recordings, films, newspapers, and magazines. The course seeks to develop language **skills** (reading, writing, listening, and speaking) that can be used in various activities and disciplines rather than to cover any specific body of subject matter. It will also include extensive training in the organization and writing of compositions. This course content is based upon the College Board.

Spanish 1 – Grade 9-11

The course is designed to develop the four language **skills** of listening, reading, writing and speaking. The students will develop their ability to use Spanish as a practical means of **communication** in a wide range of contexts. Students are introduced to an extensive range of vocabulary and grammar to enable them to acquire an effective and accurate command of the language. As well as the linguistic elements involved, students are introduced to the **culture** and way of Spain and Spanish speaking countries. In G9, we learn how to communicate in Spanish about the following topics: greetings, school life, family and hobbies.

Spanish II - Grade 10-12

Prerequisite: Spanish I

The curriculum is designed to build upon Spanish language **skills** acquired during Spanish I. Students continue to develop their ability to use Spanish as a practical means of **communication**. The course will adopt a communicative approach to grammar. Students will also deepen their understanding of Spanish culture and way of life. In G10, we learn how to communicate in Spanish about the following topics: house, daily life, town, food and holidays.

Elective Course Information

Spanish III Honors - Grade 11-12

Prerequisite: Spanish II –Teacher’s Recommendation

Student will continue to develop their linguistic **skills** with the aim of **communicating** to a higher level of competence. Throughout the course, students will examine a wide range of aspects of societies where Spanish is spoken and they will be expected to research and report on these topics. Students will develop their ability to understand and work with literary texts, newspaper articles and other authentic materials. In G11, we learn to communicate in Spanish about the following topics: health, food, travelling, school, work, environment and the media.

Spanish IV Honors - Grade 12

Prerequisite: Spanish III – Teacher’s Recommendation

Student will continue to develop their linguistic **skills** with the aim of **communicating** to a higher level of competence. Throughout the course, students will examine a wide range of aspects of societies where Spanish is spoken and they will be expected to research and report on these topics. Students will develop their ability to understand and work with literary texts, newspaper articles and other authentic materials.

AFL (Beginners 1)

This course is designed for students who have not studied AFL before. Students are introduced to oral and written **skills**, in order to be able to **communicate** in basic AFL. As well as the linguistic elements involved, students are introduced to the **culture** and way of Arabic and Arabic-speaking countries.

AFL (Beginners 2)

Prerequisite: AFL –Beginners 1 – Teacher’s Recommendation

This course is designed for students who have studied AFL before. They learned the alphabet, the countries, the numbers, greetings and a general presentation of themselves. Students are introduced to oral and written **skills** in order to be able to communicate in basic AFL. As well as the linguistic elements involved, students are introduced to the **culture** and way of Arabic and Arabic-speaking countries.

AFL (Standard 1)

Prerequisite: AFL – Beginners 2- Teacher’s Recommendation

The curriculum is designed to reinforce and build upon AFL language **skills** acquired during previous academic years. Students continue to develop their ability to use AFL as a practical means of **communication** in different contexts. The course adopts a communicative approach to grammar.

AFL (Standard 2)

Prerequisite: AFL- Standard 1 – Teacher’s Recommendation

The curriculum is designed to build upon AFL language skills acquired during previous academic years. Students further develop their ability to use AFL as a practical means of communication in a wide range of contexts. Students are introduced to an extensive range of vocabulary and grammar to enable them to develop an effective and accurate command of the language including speaking, writing, reading and listening **skills**.

AFL (Standard 3A)

Prerequisite: AFL- Standard 2- Teacher’s Recommendation

As a progression beyond AFL students further develop linguistic **skills** that enable effective **communication** both in speaking and writing. Students develop the ability to express detailed opinions on a variety of current topics as well as some elements of poetry and literature. Throughout the course, students learn to cope with unpredictable situations in the target language. The study of grammar is thorough, and students should be able to express themselves accurately using the past, present and future tenses as well as having an understanding of the most common parts of speech.

AFL (Standard 3B)

Prerequisite: AFL- Standard 3A- Teacher Recommendation

As a progression beyond AFL students reinforce and further develop linguistic **skills** that enable effective **communication** both in speaking and writing. Students learn to cope with everyday situations that they may encounter on a visit to an Arabic speaking country. Students will be encouraged to express basic opinions about everyday topics. Students will re-enforce their understanding of basic grammar in order to aid communication.

AFL (Standard 4)

Prerequisite: AFL – Standard 3B- Teacher Recommendation

As a progression beyond AFL (standard 3B), students will develop more sophisticated listening, speaking, reading and writing **skills**. Throughout the course, students will examine a wide range of aspects of **cultures** where Arabic is spoken and they will be expected to research and report on these topics. Students will develop their ability to understand and work with literary texts, newspaper articles and other authentic materials. Students will also be expected to supplement their work with independent study (reading books, newspapers, magazines, watching and analysing Arabic films etc.).

Elective Course Information

~Physical Education~

Physical Education & Health (Required) - Grade 9

The focus of this course is on personal health and fitness. Through individual, dual, and team activities, students develop psychomotor skills that enable them to perform a range of physical activities with increasing competence and confidence. Development of positive attitudes toward healthy lifestyles, cooperation/teamwork, competition, worthy use of leisure time, and personal fitness are stressed.

In addition, students will explore how the choices they make affect their health and wellness. Discussions and projects are used to cover several *health-related topics*, focusing on gathering and analyzing factual information in order to make optimal lifestyle decisions and take ownership of personal wellness.

Physical Education II (Required) – Grade 10

Through choice students are given a chance to select games and activities of their preference. Through chosen activities, students will focus on developing their personal fitness, team tactics, decision-making strategies, and development on leadership skills. They also have opportunities to explore tournament organization, officiating and recreation facilitation.

Physical Education III (Required) - Grade 11

Students will explore how the choices they make affect their health and wellness. Discussions and projects are used to cover several *health-related topics*, focusing on gathering and analyzing factual information in order to make optimal lifestyle decisions and take ownership of personal wellness.

Physical Education IV (Elective) - Grade 12

Based upon data gathered in advance from the students themselves, the curriculum is designed to reflect interests, needs, knowledge, and skill levels of the students. The experience will be in-depth, both in theory and practice of subject matter, and range from a host of individual, dual, and team activities to strategies/activities for achieving lifetime, personal fitness.

~PE Elective~

Advanced Sport & Fitness - Grades 9-12

Prerequisite: Teacher recommendation and an average of B+ or above in Gr 8/9 PE

This class is designed to optimally challenge students who have demonstrated above average athletic competencies in Grades 9-12. Students will explore advanced training methods and tactical play across several game classifications. Students will be expected to work at an extremely high intensity while developing fitness, skills and tactics. Qualities such as leadership, collaboration and integrity will be developed through this course

All course curricular are based upon the *National PE Standards* for the US Diploma program.

Elective Course Information

~Visual Arts~

Art and Design I - Grades 9-11

No Prerequisite

This course follows the **National Core Arts Standards** and provides a comprehensive overview of both historical and contemporary art. Students will learn to see art as a form of communication that allows the artist to express thoughts and feelings through both images and words. Students will have extensive opportunities to create works of art using various styles, techniques, media, and tools. Both two-dimensional and three-dimensional work will be created. Examples of two-dimensional art will include drawing, painting, printmaking, photography, and mixed media. Three-dimensional art will include sculpture, environmental, and installation art. Students will also incorporate reading and writing into their coursework in order to gain a fuller appreciation of the social and cultural impact that the arts have had throughout history as well as in our contemporary lives.

Art and Design II - Grade 10-12

Prerequisite: Art and Design I

This course follows the **National Core Arts Standards** and is designed for students who have expressed an interest in continuing their studies in the visual arts. Students will be challenged to develop their own personal work using both traditional and non-traditional materials, tools and ideas in creating art while investigating ideas found in contemporary art. Students will understand that art making is an ongoing process that uses informed and critical decision making to determine outcomes to problems. Projects will be theme based and will attempt to help students make meaning out of contemporary culture. Students will work on a series of two-dimensional and three-dimensional projects while expanding their knowledge and application of the Elements and Principles of Design. Students will also incorporate reading and writing into their coursework in order to gain a fuller appreciation of the social and cultural impact that the arts have had throughout history as well as in our contemporary lives.

Art and Design III - Grades 11-12

Prerequisite: Art and Design I and II and Teacher's Recommendation

This course follows the **National Core Arts Standards** and is designed to enhance student's artist abilities using a wide range of subject matter through studio work and various media. Students use critical thinking and problem-solving strategies throughout the course to inform their creative process. Students will produce a body of work demonstrating a personal approach. Units are supported and developed through a variety of sketchbook and preliminary assignments, focusing on techniques and skills. Students will continue further exploration and application of the Elements of Art and Principles of Design plus creative and design processes.

Pre-AP Art - Grade 11

Prerequisite: a minimum grade of B+ in Art and Design I and II OR Digital Art and Design I and II and Teacher's Recommendation

Pre-AP Art is a progression beyond Art and Design II and prepares students for AP Art. Students will explore in greater depth drawing and 2-D design issues using the Elements (line, shape, color, value, texture, space) and Principles (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, figure/ground relationships) of Design in an integrative way. This course will introduce various media, processes, artists, and art criticism and emphasize the importance of presentation and craft. Through direct experience with the art making process, students will learn to solve visual problems, improve their ability to discuss artwork, and gain a solid understanding of expressive drawing and the Elements and Principles of Design according to **national standards**.

AP Studio Art: 2D Design - Grade 12

Prerequisite: a minimum Grade of B+ in Art and Design III or Pre-AP Art and Teacher's Recommendation

AP 2-D Design introduces students to an advanced understanding of the Elements and Principles of 2-D Design and has been developed for students who are seriously interested in the practical experience of art and who are motivated to perform at the college level. Students will develop their own personal style of work and develop mastery of concept, composition, and execution of their ideas in creating a portfolio of 24 pieces of work addressing the three sections of the AP Portfolio: Breadth, Concentration, and Quality. The portfolio is submitted to the College Board and judged according to **national standards** by selected college, university and secondary art instructors.

Elective Course Information

~Visual Arts~

AP Art: Drawing - Grade 12

Prerequisite: a minimum Grade of B+ in Art and Design III or Pre-AP Art and Teacher's Recommendation

AP Drawing emphasizes expressive and experimental mark-making while addressing a very broad range of drawing issues and media (line quality, light and shadow, rendering of form, etc.). This is an option for students who are particularly interested in these aspects of art and are motivated to perform at the college level. Students will develop their own personal style of work and develop mastery of concept, composition, and execution of their ideas in creating a portfolio of 24 pieces of work addressing the three sections of the AP Portfolio: Breadth, Concentration, and Quality. The portfolio is submitted to the College Board and judged according to *national standards* by selected college, university and secondary art instructors.

Photography - Grades 10-12

No Prerequisite

Requirements: Students must have a laptop computer with Adobe Photoshop

This course is designed to give students experience with the creative and technical aspects of photography. Students will generate a portfolio of photographic work suitable for presentation on a website, or as part of an application for a university level photography or digital media course. Students will have the opportunity to take creative control of their assignments, and to foster characteristics of enquiry, initiative and independence. The course will explore various types of photography including photojournalism and portraits through a wide range of themes. It will cover photographic theory and the editing and manipulating photographs using Adobe Photoshop for enhancement and creative techniques.

Sculpture – Grades 10-12

No Prerequisite

This course follows the *National Core Arts Standards* and provides a comprehensive overview of both historical and contemporary 3-dimensional art. A beginning sculpture course concentrates on the development of sculptural ideas through exploration of various materials and techniques. Students will have extensive opportunities to create 3-D works of art using various styles, techniques, media, and tools. Students will create sculptural forms, functional objects, and mixed-media works. Reading and writing is also included into the coursework in order to gain a fuller appreciation of the social and cultural impact that the arts have had throughout history as well as in our contemporary lives.

Digital Art & Design I - Grades 9-12

Requirements: Students must have a laptop computer with Adobe Photoshop

This course follows the *National Core Arts Standards* and is designed to cultivate both the artistic abilities and technological aptitude of students. This course will focus on the use of computer and digital camera technology for the creation of digital print and online media and will serve as a general introduction to the field of computer art and design. Students will design and create original works using a variety of digital techniques and from a variety of design perspectives. Through this process students will gain an understanding of how to critically analyze digital imagery, while developing their digital visual communication skills. There is an equal balance between technical skill and creativity and is an excellent preparation for any student wishing to further their study in Visual Arts or the Digital Visual Media industry.

Digital Art & Design II- Grades 10-12

Prerequisite: Digital Art and Design I

Requirements: Students must have a laptop computer with Adobe Photoshop

This is an intermediate class in digital imaging, furthering the artistic abilities and technological aptitude learned in *Digital Art and Design I*. This course focuses on the use of computer and digital camera technology for the creation of digital art and online media designed to move students beyond basics. Students will design and create original works using a variety of digital media in order to further develop their digital visual communication skills. There is an equal balance between technical skill and creativity and is excellent preparation for any student wishing to further their study in Visual Arts or the Digital Visual Media industry.

Elective Course Information

~Performing Arts~

Theatre I - Grades 9-12

Prerequisite: Successful completion Grade 8 Drama with Grade A or B.

This course comprises two components, **Acting & Plays** and **The Practical Guide to Theatre History & Development**. Through hands-on experience with a range of extracts and play scripts, **Acting & Plays** introduces students to the process of character creation and development. The focus of this component is on acting technique, although opportunities may arise for students to approach the role of director.

The Practical Guide to Theatre History & Development presents the development of theatre across time and cultures, ranging from Ancient Greek Tragedy through to Theatre of the Oppressed through practical experience of each style or genre. Research and written assignments consolidate the practical work of the course. Students should expect to perform publicly at least three times in the course.

Theatre II - Grade 10-12

Prerequisite: Successful completion of Theatre I with grade A or B. As such, the latter becomes a logical extension of the former.

Students of Theatre II set up and run their own theatre company. In addition to performance responsibilities as actors, students are given the opportunity to become directors, lighting designers, sound designers, costume designers, set designers or publicists. A wide range of play and performance types are made available and the choice of performance material is made by the ensemble. Students should expect to perform publicly at least three times in the course.

Advanced Theatre - Grades 11-12

Prerequisite: Successful completion of Theatre II with grade A or B. As such the latter becomes a logical extension of the former. Instructor approval required.

Advanced Theatre allows students to create and build a performance ensemble. They will select published material for performance and devise their own theatrical pieces. The production process is in the hands of the students, under the expert guidance of the instructor. Set design, costume design, publicity, lighting design, sound design and the amalgamation of all these elements into public performance are all the responsibility of the Advanced Theatre ensemble. Students should expect to perform publicly frequently during the course.

Choir - Grades 9-12

No Prerequisite

Choir is designed to motivate students to sing and encourage the love of singing. It provides group opportunities to perform styles of music ranging from musical theatre to rock to classical. Students learn the basics of good choral singing, study music theory basics and musicianship. Opportunities abound throughout the year to perform in public. Choir enables individuals to join together, become part of a cohesive group, and produce something worthwhile. It offers excellent opportunities for socialization among peers and positive involvement in one's school and greater community. Choir adds breadth to life, and, in turn, harbors potential to become a pillar in the platform of lifelong learning.

Instrumental Music - Grades 9-12

Prerequisite: Instructor approval required.

Students must be able to play an instrument with some proficiency and own an instrument to bring to each lesson. (Exception: Percussion equipment and keyboards for rehearsals are provided by the school.) Students are taught music theory and how to perform as part of an ensemble. The band performs music in genres ranging from classical to rock.

For more details on the performing arts please see the linked ***standards***.

All courses are developed using the ***National Core Art Standards***.

National Core Arts Standards Glossary

Elective Course Information

~Computer Technologies~

Computer Applications - Grade 9-12

This is an introductory course designed to train students on how to use industry standard publishing and presentation software, computer hardware, and hardware including an iMac, iPad, and digital camera. Students also have introductory instruction in design, rules of composition, graphic design, vector illustration, and publishing design. Students will learn skills related used in real world careers. For standards, click [here](#).

Multimedia - Grade 9-12

This course covers multimedia concepts and applications utilizing text, graphics, animation, sound, video, and various multimedia applications in the design, development, and creation of multimedia presentations and publications within an interactive environment. Students will create a digital portfolio and other independent projects. Multimedia combines text, graphics, audio, and video for presentations using various MAC-based software programs and additional Web tools. For standards click [here](#).

Digital Animations I - Grades 9-12

This introductory course is designed to provide the student with the knowledge and skills needed to utilize digital imaging software (Final Cut Pro X and Motion 5) in editing and designing images and videos. Students also learn the use of technologies related to digital imaging such as: basic computer operations; file sharing across networks; digital scanning and photography; preparing documents for output to various types of media. This course introduces students to the fundamentals of three-dimensional modeling and animation. Students learn to model, texture objects, compose and light scenes, animate, add dynamics, as well as to render their animations into movies. Another fundamental component of the course will be editing movies, adding audio, titles, and credits in post-production. For standards click [here](#).

Digital Animations II - Grade 10-12

Prerequisite: Successful completion of Digital Animations I

Prerequisite: Successful completion of Digital Animations I with a grade of 85% as a minimum

This course provides an in-depth look at three-dimensional modeling and is a continuation of Digital Animation I. Students will apply the tools and skills learned in the level I class to complete independent projects showcasing advanced and multi-faceted features of Digital Animation. In addition, students will examine the current industry and how these skills are used throughout the world. This course requires students to create and maintain a digital portfolio showcasing the finished products. For standards click [here](#).

AP Computer Science Principles – Grade 9-12

Prerequisites: Students should have successfully completed a high school algebra course with a strong foundation in basic algebraic concepts dealing with function notation and problem-solving strategies. Students should be able to use a Cartesian (x, y) coordinate system to represent points on a plane. Students do not need to have prior knowledge of any programming language. Grade 10 students need approval and recommendation from a teacher or their Dean of Students.

AP Computer Science Principles introduces students to the fundamental principles of computer science and how technology has impacted the world and how we do things. This class focuses on creative problem-solving and how, through the use of technology, we are able to solve real-world problems. AP Computer Science Principles helps prepare students for university and whatever career path they may take. The course content was developed by the College Board with significant support and influence from the *National Foundation of Science*. This course examination is set and assessed by College Board and consists of a multiple choice exam and the submission of two performance tasks created by the student and submitted by the instructor.

Forms

COURSE REQUEST FORM

MODERN ENGLISH SCHOOL
CAIRO
AMERICAN HIGH SCHOOL SECONDARY SECTION
 Course Request Form - 2019-2020 (to be completed in Grades 8 & 9)



Student's Name:	Current HR:
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SECTION 1 - Required Courses: Placement in required courses is based on student performance using the following indicators: *MAP scores, previous course history, current grades and teacher recommendation*

English	Admin Only	Mathematics	Admin Only	Science	Admin Only
English I		Algebra I		Biology	
English II		Geometry		Chemistry	
		Algebra II			

Global Studies	Arabic, Religion & Cultural Social Studies	PE/Health
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Section 2 - Modern Language: Students must study **two consecutive years** of either French or Spanish. Postponement is only permitted if a student is intending to apply for certain Egyptian Universities. Please select **ONE** option below.

Language:	French I	French II	Spanish I	Spanish II	Postpone
Please tick ONE:					

Section 3 - Elective Courses: Please choose three elective courses below, numbering them 1, 2 and 3 in order of preference. If you are taking a Modern Language course you will take **ONE** elective course. If you are postponing your Modern Language courses, you will take **TWO** elective courses. Courses labelled **(Art)** count as an Arts credit - at least 2 Arts credits are required for graduation.

	Art & Design I (Art)		Art & Design II (Art)		Digital Art & Design (Art)		Choir (Art)		Instrumental Music (Art)
	Theatre I (Art)		Theatre II (Art)		Sculpture (Art)		Media Studies		Advanced Sports & Fitness
	Business Studies [10 th only]		Economics [10 th only]		International Relations [10 th only]		Computer Applications		AP Computer Science Principles
	Multimedia		Digital Animation		Classical Physics		AP Physics 1		Creative Writing

I approve the options selected above for the 2019-2020 academic year.

***Prerequisite course: Please check the American Section Program of Studies Booklet of 2019-2020**



Individual Graduation Plan Worksheet

Major[s]/Concentration: _____; _____ University Choice[s]: _____; _____

Student Signature _____ Parent/Guardian Signature _____ Advisor Name/Contact Information: _____

Use this template to help you prepare for your registration conference with your advisor. Please bring this form back for your conference. You must complete the [College Major Assessment](#) prior to the scheduled meeting and bring the results to assist in college and career advisement.

High School Graduation Plan	9 th Grade		10 th Grade		11 th Grade		12 th Grade	
	English 1- <i>H or CP</i>		English 2- <i>H or CP</i>		English 3- <i>H or CP; AP Lang; AP Lit</i>		English 4- <i>H or CP; AP Lang; AP Lit</i>	
	Math- <i>Algebra I, Geometry H, Geometry</i>		Math- <i>Geometry, Alg II H, other -</i>		Math- <i>Alg II, Pre-Cal H, Statistics CP or AP</i>		Arabic & Religious Studies– Main or AFL	
	Biology or Chemistry- <i>H or CP</i>		Biology or Chemistry - <i>H or CP</i>		Science- <i>{elective course}</i>		Physical Education	
	Global Studies 1 - <i>H or CP</i>		Global Studies 2 - <i>H or CP</i>		Social Studies: <i>US History OR AP World History</i>		1)	
	Arabic & Religious Studies– Main or AFL		Arabic & Religious Studies– Main or AFL		Arabic & Religious Studies– Main or AFL		2)	
	Physical Education/Health		Physical Education		Physical Education		3)	
	<i>Freshmen are permitted to take up to 2 electives.</i>		<i>Sophomores are permitted to take up to take up to 2 electives.</i>		<i>Juniors are permitted to take up to take up to 2 electives. It is highly encouraged that Science is taken in grade 11.</i>		4)	
	<i>Alternates:</i>		<i>Alternates:</i>		<i>Alternates:</i>		5)	
	Additional Graduation Requirements:		Fine Arts (2 credits) World Languages – 2 consecutive years (2 credits) Electives (3 1/2 credits) Total of 28 credits		Complementary Coursework			

The course of study selected does not reflect eligibility to Egyptian Universities.

This course of study allows for eligibility for admissions into AUC and GUC.

The Individual Graduation Plan [IGP] is a road map that guides students toward their education, career, and employment goals. It includes general graduation requirements, as well as elective coursework and other strategies for meeting long-term goals. Placement in required courses are based upon a student's data to include: MAP and PSAT scores, course history, current and final grades, and teacher recommendations. This worksheet is to serve as a forecast of courses your child will take in order to achieve an American High School Diploma and is in no way a contractual obligation.

The Individual Graduation Plan [IGP] is a road map that guides students toward their education, career, and employment goals. It includes general graduation requirements, as well as elective coursework and other strategies for meeting long-term goals. Placement in required courses are based upon a student's data to include: MAP and PSAT scores, course history, current and final grades, and teacher recommendations. This worksheet is to serve as a forecast of courses your child will take in order to achieve an American High School Diploma and is in no way a contractual obligation

Forms

CUMULATIVE GPA: 3.72						CUMULATIVE CREDITS: 29.75						
School Year 2015-2016		School Name Modern English School, Cairo				Grade 9	School Year 2016-2017		School Name Modern English School, Cairo			Grade 10
Course Name	Sem I	Sem II	Sem III	Final	Credits	Course Name	Sem I	Sem II	Sem III	Final	Credits	
Algebra I	B+	A-	B+	A-	1	Geometry	A-	A-	A	A-	1	
Global Studies I (History I)	A	A	A	A	1	Chemistry	A-	A-	A-	A-	1	
Physical Education 9	B+	A	A	A-	.5	Global Studies II (History II)	A-	A-	B	B+	1	
Arabic	Main	B-	B	B+	1	French II	A-	A-	A	A-	1	
Religion	B	B	A	B+	.5	Physical Education 10	B+	A	A	A-	.5	
Choir I	A	A	A	A	1	Arabic	Main	A-	A-	A	A-	1
English Literature I (Honors)	A	A	A	A	1	Religion	B+	C-	A-	C	.5	
French I	A	A	A	A	1	Choir II	A	A-	C	A-	1	
Biology (Honors)	A	A	A-	A-	1	English Literature II (Honors)	A	B+	A	A	1	
Honor Roll						Honor Roll						
GPA 3.81		S1 *	S2 *	S3	Total	GPA 3.61		S1 *	S2	S3	Total	
GPA 3.81		Total				8	GPA 3.61		Total			8
School Year 2017-2018		School Name Modern English School, Cairo				Grade 11	School Year 2018-2019		School Name Modern English School, Cairo			Grade 12
Course Name	Sem I	Sem II	Sem III	Final	Credits	Course Name	Sem I	Sem II	Sem III	Final	CREDITS TO BE ACHIEVED	
AP Language & Composition	A	C+	B+	B+	1	Psychology	B+				1	
Algebra II	A-	B-	A-	A-	1	Statistics	A				1	
Environmental Biology	A	B+	A	A	1	Arabic	Main	A			1	
AP W History	B+	B	C+	B+	1	Religion	A				.5	
Arabic	Main	A	A-	B+	1	AP Economics (Macro)	B+				1	
Physical Education 11	A-	A	A	A	.5	Choir	A				1	
Religion	A	A-	A-	A-	.5	English Literature IV (Honors)	A				1	
SAT I (PREP)	A	A	A	A	.25							
Choir III	A	A	C	A-	1							
Honor Roll						Honor Roll						
GPA 3.7		S1 *	S2	S3	Total	GPA 3.82		S1	S2	S3	Total	
GPA 3.7		Total				7.25	GPA 3.82		Total			6.5

Summer School Courses

A 94-100	4.0	B 84-86	3.0	C 74-76	2.0	D 60-65	1.0
A- 90-93	3.7	B- 80-83	2.7	C- 70-73	1.7	F 0-59.99	0.0
B+ 87-89	3.3	C+ 77-79	2.3	D+ 66-69	1.3		

PS Pass WP Withdrawal Pass * : Achieved Honor Roll
 FL Fail WF Withdrawal Fail *H: Achieved Principal Scholar
 I Incomplete

*: Adv / honors / AP Classes weighted with +0.5

Dodie Pfeil
 Dodie Pfeil
 American High School Principal

New Cairo, South of Police Academy Mailing address: P.O. Box 5, Tagamoa El Khamis, New Cairo, 11835, Cairo, Egypt
 Hotline: 19836 Tel.: mes_phone Fax: mes_fax E-mail: mescairo@mescairo.com Website: www.mescairo.com

Sample Transcript: Students in Grades 9 through 12 earn a cumulative Grade point average (GPA). This GPA is based on the grades earned per trimester. It is important to note that the GPA earned by students in Grade 9 will be part of their permanent record (Transcript) throughout their high school career, and is a significant document for college admissions.

Co-Curricular Transcript

The Co-Curricular Transcript is a document that provides students with the opportunity to record each learning development activities and for the school to verify participation in each. Many universities now require submission of this transcript as a part of the application process.

Dates	Activity Name	Organization	Category	Activity Representative
Nature of student involvement:				

Forms

File: Student file in secondary

**MODERN ENGLISH SCHOOL
CAIRO**



Date: _____

University Guidance Form

Student Name: _____

Computer #: _____ Homeroom: _____

Date of Birth: _____ Nationality: 1- _____
Day / Month / Year

2- _____

Please list below where you plan to continue your education at University level and the major(s) you think that you may be interested in. Even if you have not decided finally on your choice or if you feel unsure, please provide a choice based on your closest guess. You may change your mind at a later time and update this form. We are asking you so that we can ensure that you are taking the courses that you need for the University and majors of your choice.

Please tick all that apply:

	Country	Name(s) of University
<input type="checkbox"/>	UK	
<input type="checkbox"/>	Canada	
<input type="checkbox"/>	USA	
<input type="checkbox"/>	Europe	
<input type="checkbox"/>	AUC	
<input type="checkbox"/>	Another Egyptian Univ.	

Intended Major(s): _____

Comments:	School Recommendations:
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I understand the MES Cairo courses required for the university choices made above may not be enough for entry to other universities in Egypt.

Parent Signature:	Senior Staff Member Signature:
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MODERN ENGLISH SCHOOL CAIRO



Modern English School Cairo is a co-educational International school catering for students aged 3^{1/2} to 18 years. Starting with a comprehensive Early Years Programme in the Foundation section, the National Curriculum of England is followed throughout the Primary School. Arabic and Religious Studies are taught from Year One, with Arabic as a Foreign Language offered to non-Arabic speakers.

Secondary education at MES Cairo provides students with a choice of British or American Curriculum (from Year / Grade Seven). Students then continue to study in their chosen section, gaining qualifications in either IGCSE, AS and A Levels or the American High School Diploma (including AP courses). Towards the end of Year / Grade 10, all students may apply to join the two-year International Baccalaureate Diploma Programme (IBDP), prior to gaining places at universities both nationally and internationally.



New Cairo, South of Police Academy

Mailing address: P.O.Box 5, New Cairo, Tagamoa Khamis, 11835 Cairo, Egypt

Hotline : 19836 Tel.: (+202) 26189600 Fax: (+202) 25379400

Email: mescairo@mescairo.com Website: www.mescairo.com