



# **Miami Lakes Educational Center and Technical College**

**Subject Selection  
Presentation  
January 19, 2017**

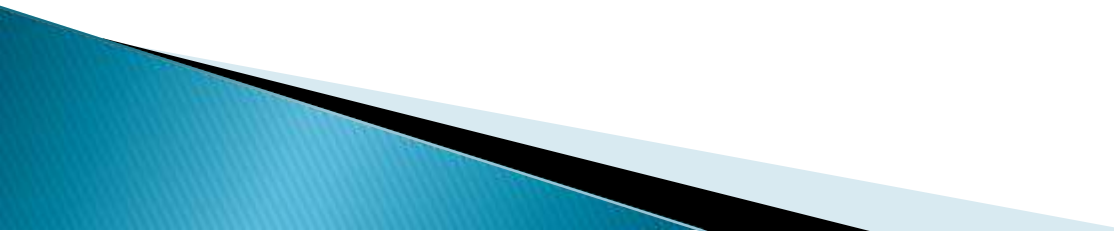
# Graduation Requirements

- **4 Credits English Language Arts**
- **4 Credits Mathematics**
- **3 Credits Science**
- **3 Credits Social Studies**
- **1 Credit Fine/Performing/Practical Arts**
- **1 Credit Physical Education**
- **8 Elective Credits**
- **Students must earn a 2.0 grade point average on a 4.0 scale**
- **Pass the FSA/ELA Grade 10 Reading and Algebra I EOC**
  - Reading Concordant Scores - ACT (19) or SAT (430 Verbal)
  - Algebra 1 EOC Concordant Scores - PERT (97).
- **Complete Community Service project**
- **Online Course Requirement**
- **Florida Dept. of Education**
  - [www.fldoe.org](http://www.fldoe.org)

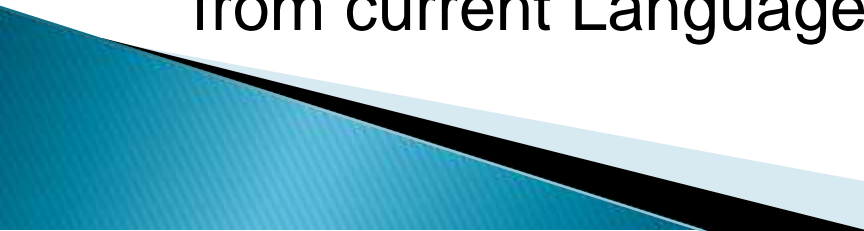
# Community Service

- A community service project is required for graduation
- Project may be completed through a service club or through individual effort
- Upon completion of the project, paperwork may be downloaded from [www.mlecshs.com](http://www.mlecshs.com)
- Beginning with the class of 2020, students must earn a minimum of 25 hours per year.
- Community service hours are due on
  - December 16, 2016 – 12<sup>th</sup>
  - February 3, 2017 – 11<sup>th</sup>
  - March 3, 2017 – 10<sup>th</sup>
  - April 21, 2017 – 9<sup>th</sup> (25 hours)
- Students who earn 250 community service hours will receive a community service cord to be worn at graduation

# Honors/AP/AICE Courses

- All students are encouraged to take rigorous academic courses in their areas of strength
  - Students will earn college credits for taking and passing an AP course and the AP exam
  - Selected AICE (Cambridge) courses are open to students in other academies who meet eligibility requirements
  - All students should follow the 4 year plan.
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# Guidelines for Placement in Honors/AP/AICE Courses

- Current teacher recommendation (in the same subject area).
  - Minimum of “B” average earned in the current year’s subject area.
  - Fewer than 5 unexcused absences in the current year.
  - Student must remain in the requested class for the entire school year.
  - AP elective courses need signature of future teacher listed on subject selection.
  - Honors/AP/ AICE US History courses need signature from current Language Arts teacher.
- 

# 4 Year Plan

## Engineering

Grade 9	Grade 10	Grade 11	Grade 12
English 1 Honors	<b>AICE English Language (A Level)</b>	<b>AICE English Literature (AS Level)</b>	AP English Literature
Geometry Honors or Algebra II Honors	Algebra II Honors or Pre Calculus	Pre Calculus or <b>AICE Mathematics (AS Level)</b>	Calculus 1 or AP Calculus AB/BC
Biology 1 Honors or Chemistry Honors	Physics Honors	AP Biology, AP Chemistry or AP Physics	AP Biology, AP Chemistry or AP Physics
AP World History	<b>AICE Global Perspectives (AS Level)</b>	<b>AICE U.S. History (A Level)</b>	AP U.S. Government/ Economics
Physical Education	Fine Arts Elective	Applied Engineering Technology 2	Applied Engineering Technology 3
Technical Design 1	Applied Engineering Technology 1	Technical Design 2	Technical Design 3



Miami Lakes Educational Center  
Subject Selection  
2017-2018



**11**

Name: \_\_\_\_\_ ID: \_\_\_\_\_ DOB: \_\_\_\_\_ ESOL Level: \_\_\_\_\_

Email: \_\_\_\_\_ Home Telephone: \_\_\_\_\_

Academy/Strand      Trade & Industry/Auto Service

Directions: Choose one course in each section. Each subject area teacher must initial in BLUE ink on the line. A dollar sign (\$) indicates current course has an annual fee which is subject to change for the 2017-2018 school year. An asterisk (\*) requires teacher's initials.

- ENGLISH**      \*CURRENT TEACHER WILL INITIAL HONORS/AI/AICE CLASSES
- |   |   |
|---|---|
| <input type="checkbox"/> A33 English 3 (Health Science/IT)              | <input type="checkbox"/> A82 AICE English Literature 1 AS Level *                       |
| <input type="checkbox"/> A35 English 3 (Comm./Entrep./Trade & Industry) | <input type="checkbox"/> A91 AP English Literature & Comp *                             |
| <input type="checkbox"/> A34 English 3 Honors (Health Science/IT)       | <input type="checkbox"/> E31 English 3 - Through ESOL                                   |
| <input type="checkbox"/> A36 English 3 Honors (Comm./Entrep./T & I) *   | <input type="checkbox"/> E0 ESOL Level 1-4 (Required if student is placed in E31 above) |

- MATHEMATICS**      \*CURRENT TEACHER WILL INITIAL HONORS/AI/AICE CLASSES
- |   |   |   |
|---|---|---|
| <input type="checkbox"/> B05 Algebra 2                              | <input type="checkbox"/> B15 Pre-Calc Honors *      | <input type="checkbox"/> B93 AP Calculus BC * |
| <input type="checkbox"/> B06 Algebra 2 Honors *                     | <input type="checkbox"/> B16 Calculus Honors *      | <input type="checkbox"/> B94 AP Statistics *  |
| <input type="checkbox"/> B07/B08 Trig Honors/Math Analysis Honors * | <input type="checkbox"/> B81 AICE Math 1 AS Level * |   |
| <input type="checkbox"/> B12 Probability and Statistics Honors *    | <input type="checkbox"/> B91 AP Calculus AB *       |   |
| <input type="checkbox"/> B14 Advanced Topics *                      |   |   |

- SOCIAL STUDIES**      \*CURRENT TEACHER WILL INITIAL HONORS/AI/AICE CLASSES
- |  |   |
|--|---|
| <input type="checkbox"/> D33 US History (Health Science/IT)          | <input type="checkbox"/> D81 AICE US History AS Level * |
| <input type="checkbox"/> D35 US History (Comm./Entrep./T&I)          | <input type="checkbox"/> D93 AP US History *            |
| <input type="checkbox"/> D34 US History Honors (Health Science/IT) * |   |
| <input type="checkbox"/> D36 US History Honors (Comm./Entrep./T&I) * |   |

- SCIENCE**      \*CURRENT TEACHER WILL INITIAL HONORS/AI/AICE CLASSES
- |  |  |  |
|--|--|--|
| <input type="checkbox"/> C03 Biology I \$            | <input type="checkbox"/> C08 Physics 1 Honors                | <input type="checkbox"/> C92 AP Chemistry \$ *                         |
| <input type="checkbox"/> C04 Biology I Honors \$ *   | <input type="checkbox"/> C10 Anatomy & Physiology Honors *   | <input type="checkbox"/> C94 AP Physics C: Mechanics *                 |
| <input type="checkbox"/> C05 Chemistry I \$          | <input type="checkbox"/> C81 AICE Environmental Management * | <input type="checkbox"/> C95 AP Physics C: Electricity and Magnetism * |
| <input type="checkbox"/> C06 Chemistry 1 Honors \$ * | <input type="checkbox"/> C91 AP Biology I \$ *               |  |
| <input type="checkbox"/> C07 Physics 1 \$            |  |  |

**Guidelines for Placement in Honors/AI/AICE/AP Classes**

Honors/AI/AICE/AP classes require a commitment from the student above and beyond the work required for regular classes. This may include work to be completed during the summer vacation. It is important that you are aware of the expectations and requirements of the upper level courses before signing this request. **REQUIRED GUIDELINES:** Current teacher recommendation (in the same subject area). Minimum of "B" average earned in the current year's subject area. Fewer than 5 unexcused absences in the current year. Student **MUST** remain in the requested class for the entire school year.

It is important that you choose your classes wisely and complete this form carefully. Students will remain in the courses they have chosen for the entire school year. **SCHEDULE CHANGES DUE TO A CHANGE OF MIND WILL NOT BE MADE AFTER MAY 20, 2017.** Parent conference is required for all schedule changes. This subject selection is tentative until final School Board approval.

**I HAVE REVIEWED AND AM IN AGREEMENT WITH MY CHILD'S SELECTIONS.**

Academy/Strand: Trade & Industry/Auto Service

Counselor Use only

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Counselor Initials

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Student Initials

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**GRADE 11 SUBJECT SELECTION**  
**MIAMI LAKES EDUCATIONAL CENTER OFFERS THE FOLLOWING**  
**MAGNET PROGRAMS / ACADEMIES**



**Cambridge REQUIRED ELECTIVES**

**ELIGIBILITY REQUIREMENTS: 3.0 Unweighted Academic GPA & College ready test scores (PERT, SAT, ACT).**

- Y05/Y06/Y07/Y08 Dual Enrollment (Global Studies)
- G13/G14 Journalism 2/Research 2 (Journalism)
- G03/G04 Applied Engineering Technology 2/Technical Design 2 (Engineering)

**Communication REQUIRED ELECTIVES**

- H03/H04 Commercial Art Technology 3 and 4 (Commercial Art)
- H23/H24 Technical Theatre: Design and Production 2/Theatre 3 Honors (Technical Theatre)
- H33/H34 Television Production 3 and 4 (TV Production)

**Entrepreneurship REQUIRED ELECTIVES**

- I03/I04 Culinary Arts 3 and 4 (Culinary)
- I13/I14 Early Childhood Education 3 and 4\$ (Early Childhood)
- I23/I24 Accounting Applications/Financial and Business Technology (Finance)

**Health Science REQUIRED ELECTIVES**

- J03 Dental Aide 3\$(Dental Assisting)
- J13 Emergency Medical Responder 3\$ (EMR)
- J33/J34 Directed Study .5\$/Electrocardiograph Aide 3 (Medical Assisting)
- J43/J44/J45 Nursing Assisting 3\$/Home Health .5\$/Directed Study .5 \$(Nursing Assistant)
- J53/J54 Pharmacy Technician 3 and 4 \$ (Pharmacy)
- J73/J74/J75 Nursing Assisting 3\$/Home Health .5\$/Directed Study .5 \$(Practical Nursing)

**Information Technology REQUIRED ELECTIVES**

- K04/K05 Electronic 3 and 4 (Electronics Tech)
- K14/K15 CSIT Network Systems Configuration/Research 2 (IT Network Admin)
- K24/K25 Web Scripting Fundamentals/Media Integration Essentials (Web Design)

**Trade & Industry REQUIRED ELECTIVES**

- L03/L04 AC and Refrigeration Tech 3 and 4\$ (Air Conditioning)
- L13/L14 Automotive Collision Repair 3 and 4\$ (Auto Collision)
- L23/L24 Automotive Service Tech 3 and 4\$ (Auto Service Technology)

**General Electives- Based on order of preference 1-4 An asterisk (\*) requires teacher's initials.**

- |   |  |
|---|--|
| <input type="checkbox"/> A83 AICE Global Perspectives (Cambridge)               | <input type="checkbox"/> P01/P02 Personal Fitness/Fitness Lifestyle                                |
| <input type="checkbox"/> D51/D53 Psychology 1/2                                 | <input type="checkbox"/> P03/P04 Weight Training 1/2   |
| <input type="checkbox"/> D91 AP Human Geography* _____ (Ms. Whitby)             | <input type="checkbox"/> P05/W12 Driver Education .5/Career Research and Decision Making (FLVS) .5 |
| <input type="checkbox"/> D94 AP Psychology* _____ (Ms. Evans)                   | <input type="checkbox"/> W11/P06 Career Research and Decision Making (FLVS) .5/Driver Education .5 |
| <input type="checkbox"/> F01 Spanish I  | <input type="checkbox"/> P07/P08 Team Sports 1/2   |
| <input type="checkbox"/> F02 Spanish II   | <input type="checkbox"/> P81 AICE Physical Educational 1 AS Level                                  |
| <input type="checkbox"/> F11 Spanish For Spanish Speakers I                     | <input type="checkbox"/> P82 AICE Physical Educational 2 A Level                                   |
| <input type="checkbox"/> F12 Spanish For Spanish Speakers II                    | <input type="checkbox"/> R31 Reading   |
| <input type="checkbox"/> F81 AICE Spanish Language A Level                      | <input type="checkbox"/> W01/W02 Career Research & Decision Making (FLVS) .5/Life Mgmt (FLVS) .5   |
| <input type="checkbox"/> F82 AICE Spanish Language AS Level                     | <input type="checkbox"/> W03/W04 Peer Counseling 1 (FLVS) .5/Peer Counseling 2 (FLVS) .5           |
| <input type="checkbox"/> F83 AICE Spanish Literature AS Level                   | <input type="checkbox"/> W05/W06 Music of the World (FLVS)   |
| <input type="checkbox"/> F91 AP Spanish Language                                | <input type="checkbox"/> W07/W08 Theatre, Cinema and Film Production (FLVS)                        |
| <input type="checkbox"/> H91 AP Studio Art Two-Dimensional* _____ (Ms. Soto)    | <input type="checkbox"/> W09/W10 Parenting 1 (FLVS) .5/Social Media (FLVS) .5                      |
| <input type="checkbox"/> K91 AP Computer Science Principles* _____ (Mr. Melton) |  |





DATE RUN 09/08/16  
TIME RUN 21:29:27

MIAMI-DADE COUNTY PUBLIC SCHOOLS  
STUDENT HISTORY BY SUBJECT AREA  
SCHOOL: 7391 - MIAMI LAKES EDUCATIONAL CENTER

PRODUCT T13804001  
PAGE 1 OF 1

ID: [REDACTED] NAME: [REDACTED] GRADE: 11 HOMEROOM: DES SEX: [REDACTED]  
 ADDRESS: [REDACTED] PHONE: ( [REDACTED] ) BIRTHDATE: [REDACTED]  
 CITY: MIAMI ZIP: [REDACTED] COM SR HR: 0 DATE [REDACTED]  
 UNWEIGHTED GPA: 3.667 WEIGHTED GPA: 4.417 AS OF: 07/06/16 COMP LIT MET: Y  
 12.00 CREDITS AND 44.0 UNWD GRADE POINTS ON FILE AS OF: 07/06/16  
 HSCT/FCAT COMP: P TOT CREDITS REQ: 24.0 TOT CREDITS EARNED: 12.0 ADULT CREDITS XFER: .0  
 SAT: VERBAL MATH: ACT: ENGLISH: MATH: READING: SCI RSN: COMP:  
 FCAT NRT SCORES FOR 05/16 READ: MATH: SCIENCE:  
 FCAT SSS SCORES FOR 05/16 READ: 391 MATH: SCIENCE:  
 PSAT SCORES FOR 2015 VERBAL: 87 MATH: 57 WRITING:  
 FCAT WRITING FOR SCORE:

GRADE LEVEL	SUBJ AREA	COURSE TITLE	SUBJECT CODE	FINAL FLAG GRADE	CYCLE TERM	CREDIT EARNED	CR REQ	CR NEED
09	EN	Eng Hon 1	100132001	A	141 A	1.0		
10	EN	Eng Hon 2	100135001	A	151 A	1.0		
11	EN	Eng Hon 3	100138001		161 A	2.0	4.0	2.0
09	Al	Algebra 1 Hon	120032001	A	141 A	1.0		
10	GE	Geometry Hon	120632001	A	151 A	1.0		
11	MA	Algebra 2 Hon	120034001		161 A	2.0	4.0	2.0
09	EQ	Physical Sci Hon	200332001	A	141 A	1.0		
10	BI	Biology 1 Hon	200032001	B	151 A	1.0		
11	EQ	Chemistry 1	200534001		161 A	2.0	3.0	1.0
09	WH	World History Honors	210932001	A	141 A	1.0	1.0	.0
11	AH	U.S. History Honors	210932001		161 A	.0	1.0	1.0
	EC					.0	.5	.5
	AG					.0	.5	.5
09	PF	Intro to Info Tech	820731001	A	141 A	1.0	1.0	.0
10	PE	Personal Fit	150130001	A	151 1	.5		
10	PE	Fit Lifestyle Design	150131001	A	151 2	.5	1.0	.0
						1.0		
09	EL	Intensive Reading	10004100109	B	141 A	1.0		
10	EL	Comp Systn Tech 1	873211001	B	151 A	1.0		
10	EL	Comp Systn Tech 2	873212001	B	151 A	1.0		
11	EL	Networking 3-CISCO-H	820704003		161 A			
11	EL	Networking 4	820705001		161 A			
						3.0	8.0	5.0

TOTAL CREDITS EARNED: 141= 6.0 151= 6.0 12.0 24.0 12.0

\* EXCESS CREDITS IN A SUBJECT AREA MAY BE APPLIED TO ELECTIVE REQUIREMENT