



MIAMI LAKES EDUCATIONAL CENTER
CAMBRIDGE ACADEMY
Career Pathway: Engineering

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1 Honors	AICE English Language (AS Level)	AICE English Literature (AS Level)	AP English Literature
Geometry Honors or Algebra II Honors	Algebra II Honors or Pre Calculus Honors	Pre Calculus Honors or AICE Mathematics (AS Level)	AP Calculus AB or AP Calculus BC
Biology 1 Honors or Chemistry Honors	Physics Honors	AP Physics C: Mechanics	AP Physics C: Electricity and Magnetism
AP World History	AICE Global Perspectives (AS Level)	AICE U.S. History (A Level)	AP U.S. Government/AP MacroEconomics
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

In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

Students who earn an AICE diploma based on AICE exams taken prior to and during the high school graduation exam administration series ending in mid-June, complete 100 hours of community service and submit their *Florida Financial Aid Application* by their high school graduation date, will earn the Florida Academic Scholars award.

All students will take the industry certification exams for Certified SolidWorks Associate, MasterCam Associate, MasterCam CpgmM Professional, and Rec Pre-Engineering.

Student Signature Date

Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

CAMBRIDGE ACADEMY

Career Pathway: Global Studies

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1 Honors	AICE English Language (AS Level)	AICE English Literature (AS Level)	AP English Literature
Geometry Honors or Algebra II Honors	Algebra II Honors or Pre Calculus Honors	Pre Calculus Honors or AICE Mathematics (AS Level)	AP Calculus AB or AP Calculus BC
Biology 1 Honors or Chemistry Honors	Chemistry Honors or Physics Honors	AP Biology, AP Chemistry, AP Physics or AICE Environmental Management (AS Level)	AP Biology, AP Chemistry, AP Physics or AICE Environmental Management (AS Level)
AP World History	AICE Global Perspectives (AS Level)	AICE U.S. History (A Level)	AP U.S. Government/ AP MacroEconomics
Physical Education	MDC Dual Enrollment Course	MDC Dual Enrollment Course	MDC Dual Enrollment Course
Elective	MDC Dual Enrollment Course	MDC Dual Enrollment Course	MDC Dual Enrollment Course

In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

Students who earn an AICE diploma based on AICE exams taken prior to and during the high school graduation exam administration series ending in mid-June, complete 100 hours of community service and submit their *Florida Financial Aid Application* by their high school graduation date, will earn the Florida Academic Scholars award.

Student Signature

Date

Parent Signature

Date



MIAMI LAKES EDUCATIONAL CENTER

CAMBRIDGE ACADEMY
Career Pathway: Journalism

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1 Honors	AICE English Language (AS Level)	AICE English Literature (AS Level)	AP English Literature
Geometry Honors or Algebra II Honors	Algebra II Honors or Pre Calculus Honors	Pre Calculus Honors or AICE Mathematics (AS Level)	AP Calculus AB or AP Calculus BC
Biology 1 Honors or Chemistry Honors	Chemistry Honors or Physics Honors	AP Biology, AP Chemistry, AP Physics or AICE Environmental Management (AS Level)	AP Biology, AP Chemistry, AP Physics or AICE Environmental Management (AS Level)
AP World History	AICE Global Perspectives (AS Level)	AICE U.S. History (A Level)	AP U.S. Government/ AP Macroeconomics
Physical Education	Journalism 1	Journalism 2	Journalism 3
Psychology 1	Research 1	Research 2	Research 3

In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

Students who earn an AICE diploma based on AICE exams taken prior to and during the high school graduation exam administration series ending in mid-June, complete 100 hours of community service and submit their *Florida Financial Aid Application* by their high school graduation date, will earn the Florida Academic Scholars award.

Student Signature Date

Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER
 ACADEMY OF COMMUNICATION
Career Pathway: Digital Arts/Commercial Arts Technology

Four Year Academic/Career Plan for: _____
 Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus or AP Calculus AB
Physical Science, Biology or Chemistry Honors	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective**	Commercial Arts Technology 3 <i>OCP-A: Commercial Arts Technology 1,2,3</i> <i>Photoshop</i>	Commercial Arts Technology 5 <i>InDesign</i>
Commercial Arts Technology 1	Commercial Arts Technology 2 <i>Illustrator</i>	Commercial Arts Technology 4 <i>Photoshop</i>	Commercial Arts Technology 6 <i>OCP-B: Commercial Arts Technology 4,5,6</i> <i>InDesign</i>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exams for Adobe Illustrator, InDesign, and Photoshop.

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF COMMUNICATION
Career Pathway: Technical Theatre

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Honors Algebra 2	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry Honors	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective**	Theatre 3 Honors	Theatre 4 Honors
Theatre 1	Technical Theatre: Design & Production 1	Technical Theatre: Design & Production 2	Technical Theatre: Design & Production 3

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

Student Signature Date

Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF COMMUNICATION Career Pathway: Television Production

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective**	Television Production 3 <i>OCP-A: Television Production 1,2,3 ACA Premiere</i>	Television Production 5
Television Production 1	Television Production 2 <i>Adobe Photoshop CC</i>	Television Production 4	Television Production 6 <i>OCP-B: Television Production 4,5,6</i>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exams for Adobe Photoshop CC and ACA Premiere Pro.

Student Signature Date

Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF ENTREPRENEURSHIP

Career Pathway: Culinary Arts

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective**	Culinary Arts 3 <i>OCP-C: Culinary Arts 3</i> <i>ServSafe – Food Manager</i>	Culinary Arts 4 <i>OCP-D: Culinary Arts 4</i>
Culinary Arts 1 <i>OCP-A: Culinary Arts 1</i> <i>ServSafe - Food Handler</i>	Culinary Arts 2 <i>OCP-B: Culinary Arts 2</i>	Directed Study	Directed Study

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

**All students will take the industry certification exam for ServSafe – Food Handler and ServSafe – Food Manager.
 All students will be required to join Skills USA or DECA each year.**

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF ENTREPRENEURSHIP Career Pathway: Early Childhood Education

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective**	Early Childhood Education 3 <i>OCP-C: Early Childhood Education 3</i>	Education & Directed Study <u>CDA</u>
Early Childhood Education 1 <i>OCP-A: Early Childhood Education 1 ServSafe - Food Handler</i>	Early Childhood Education 2 <i>OCP-B: Early Childhood Education 2</i>	Early Childhood Education 4 <i>OCP-D: Early Childhood Education 4</i>	Education & Directed Study

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exam for ServSafe – Food Handler and Childhood Development Associate (CDA). All students will be required to join FCCLA each year.

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF ENTREPRENEURSHIP

Career Pathway: Financial Services

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective**	Accounting Applications 1 <i>OCP-B: Accounting Applications 1</i>	Principles of Entrepreneurship
Business Communication and Technology <i>OCP-A: Business Communication and Technology</i> <u>Microsoft Word and PowerPoint</u>	Personal Finance <i>OCP-D: Personal Finance</i> <u>Microsoft Excel</u>	Economics and Financial Services <i>OCP-C: Economics and Financial Services</i> <u>QuickBooks</u>	Business Management and Law <i>OCP-B: Business Management and Law</i>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

**All students will take the industry certification exams for Microsoft Office Specialist (MOS) and QuickBooks.
All students will be required to join DECA every year and compete in District DECA testing.**

Student Signature Date

Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF HEALTH SCIENCE

Career Pathway: Dental Assisting

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry Honors	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective	Research 1 (Global Health/Ethics)	Allied Health Assisting (Dental Assisting)
Health Science Foundations	Anatomy & Physiology <i>OCP-A: Health Science Foundations/A&P</i>	Dental Aide 3 <i>OCP-B: Dental Aide 3</i> <u>CMAA</u>	Directed Study (Dental Assisting)

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exam for Certified Medical Administrative Assistant (CMAA). All students are expected to articulate to the post-secondary program after Grade 12 to complete the Dental Assisting Program and earn certification.

Off campus clinical experiences are required in Grade 12.

All students will be required to join HOSA each year and participate in district competitions.

Student Signature Date

Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF HEALTH SCIENCE

Career Pathway: Emergency Medical Responder

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry Honors	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective	Research 1 (Global Health/Ethics)	Electrocardiograph Aide 3/ Health Occupations Education <i>OCP-B: Electrocardiograph Aide 3 EKG</i>
Health Science Foundations	Anatomy & Physiology <i>OCP-A: Health Science Foundations/A&P</i>	Emergency Medical Responder 3 <i>OCP-B: Emergency Medical Responder 3</i>	Allied Health Assisting 3 (Intro to EMT)

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

**All students will take the industry certification exams for Emergency Medical Responder (EMR) and EKG (Electrocardiograph Aide).
 Off campus clinical experiences are required in Grade 11/12.
 All students will be required to join HOSA each year and participate in district competitions.**

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF HEALTH SCIENCE

Career Pathway: Medical Assisting

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry Honors	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective	Electrocardiograph Aide 3/ Health Occupations Education (Phlebotomy) <u>EKG</u>	Directed Study (Medical Assisting)
Health Science Foundations	Anatomy & Physiology <i>OCP-A: Health Science Foundations/A&P</i>	Allied Health Assisting 3 (Administrative Medical Assisting) <i>OCP-B: Allied Health Assisting 3</i>	Directed Study Internship (Medical Assisting) <u>CMAA</u>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exams for Electrocardiograph Aide (EKG) and Certified Medical Administrative Assistant (CMAA).

Off campus clinical experiences are required in Grade 11/12.

All students will be required to join HOSA each year and participate in district competitions.

Student Signature

Date

Parent Signature

Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF HEALTH SCIENCE

Career Pathway: Nursing Assistant

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry Honors	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective	Nursing Assistant 3 <i>CNA</i> <i>OCP-B: Nursing Assistant 3</i>	Electrocardiograph Aide/ Health Occupations Education <i>EKG</i>
Health Science Foundations	Anatomy & Physiology <i>OCP-A: Health Science Foundations/A&P</i>	Home Health Aide 3	Emergency Medical Responder 3 <i>EMR</i>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

**All students will take the industry certification exams for Certified Nursing Assistant (CNA),
Emergency Medical Responder (EMR) and Electrocardiograph Aide (EKG).
Off campus clinical experiences are required in Grade 11.
All students will be required to join HOSA each year and participate in district competitions.**

Student Signature

Date

Parent Signature

Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF HEALTH SCIENCE
Career Pathway: Pharmacy Technician

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry Honors	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective	Pharmacy Technician 3	Pharmacy Technician 5
Pharmacy Technician 1 <i>OCP-A: Pharmacy Technician 1</i>	Pharmacy Technician 2	Pharmacy Technician 4	Pharmacy Technician 6 <u>EXCPT</u>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exam for Certified Pharmacy Technician (EXCPT).

All students are expected to articulate to the post-secondary program after Grade 12 to complete the Pharmacy 7 course in order to complete the Pharmacy Technician Program and earn licensure and certification.

Off campus clinical experiences are required in Grade 12.

All students will be required to join HOSA each year and participate in district competitions.

Student Signature

Date

Parent Signature

Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF HEALTH SCIENCE

Career Pathway: Introduction to Practical Nursing

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Geometry or Algebra 2 Honors	Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB	Pre Calculus Honors or AP Calculus AB
Biology or Chemistry Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics	U.S. Government/Economics*
World History*	Foreign Language or Fine Arts**	U.S. History*	Practical Nursing 2
Physical Education**	Elective	Nursing Assistant 3 <i>CNA</i> <i>OCP-B: Nursing Assistant 3</i>	Practical Nursing 3
Health Science Foundations	Anatomy & Physiology <i>OCP-A: Health Science Foundations/A&P</i>	Home Health Aide 3	Practical Nursing 4

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exam for Certified Nursing Assistant (CNA) at the end of Grade 11 and are expected to articulate to the post-secondary program after Grade 12 to complete the Practical Nursing Certification Program.

Off campus clinical experiences are required in Grade 11/12.

All students will be required to join HOSA each year and participate in district competitions.

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF INFORMATION TECHNOLOGY Career Pathway: IT Network Administrator (CISCO)

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Computer Systems and Information Technology 1 <i>OCP-A: CSIT Foundations</i>	CSIT Network Systems Configuration <i>OCP-B: CSIT Network Systems Configuration</i>	CSIT Network Systems Design and Administration <i>OCP-C: CSIT Network Systems Design & Administration</i>
AP Computer Science Principles	Research 1 <u>CompTIA A+</u>	Research 2 <u>Cisco ICND1-CCENT</u>	Research 3 <u>Cisco ICND2-CCNA</u>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exam for CompTIA A+, Cisco ICND1 (CCENT), and Cisco ICND2 (CCNA).

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF INFORMATION TECHNOLOGY

Career Pathway: Computer Programming

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Foundations of Programming <u>Comptia Linux+</u>	Procedural Programming <u>Comptia Linux+</u> <i>OCP-B: Foundations of Programming & Procedural Programming</i>	Object-Oriented Programming <i>OCP-C: Object-Oriented Programming Fundamentals</i>
AP Computer Science Principles	Research 1 (App Development)	Research 2 (NetAcad C++)	AP Computer Science A

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exam for CompTIA Linux+, and Oracle Certified Associate Java.

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER
 ACADEMY OF INFORMATION TECHNOLOGY
Career Pathway: Web Design

Four Year Academic/Career Plan for: _____
 Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Foundations of Web Design	Web Scripting Fundamentals	E-Commerce & Marketing Essentials <i>Adobe Illustrator</i>
AP Computer Science Principles	User Interface Design <i>OCP-B: Foundations of Web Design & User Interface Design</i> <i>Adobe Dreamweaver</i>	Media Integration Essentials <i>OCP-C: Web Scripting Fundamentals & Media Integration Essentials</i> <i>Adobe Photoshop</i>	Interactivity Essentials <i>OCP-D: E-Commerce & Marketing Essentials and Interactivity Essentials</i> <i>Adobe Flash</i> <i>CIW – HTML</i>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exam for Adobe Dreamweaver, Photoshop, Illustrator, Flash and CIW-HTML.

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF APPLIED TECHNOLOGY

Career Pathway: Air Conditioning and Refrigeration

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective	Air Conditioning & Refrigeration Technology 3 <i>NCCER</i>	Air Conditioning & Refrigeration Technology 5
Air Conditioning & Refrigeration Technology 1	Air Conditioning & Refrigeration Technology 2 <i>OCP-A: Air-Conditioning, Refrigeration and Heating Helper</i>	Air Conditioning & Refrigeration Technology 4 <i>OCP-B: Air-Conditioning, Refrigeration and Heating Assistant</i>	Air Conditioning & Refrigeration Technology 6

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exam for NCCER.

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF APPLIED TECHNOLOGY

Career Pathway: Auto Collision

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective	Auto Collision Repair & Refinishing 3 <i>ASE</i>	Auto Collision Repair & Refinishing 5
Auto Collision Repair & Refinishing 1 <i>OCP-A: Automotive Collision Repair and Refinishing Helper/Assistant</i>	Auto Collision Repair & Refinishing 2	Auto Collision Repair & Refinishing 4 <i>OCP-B: Automotive Collision Refinishing Technician</i>	Auto Collision Repair & Refinishing 6 <i>OCP-C: Non-Structural Damage</i>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All Grade 12 students will take the industry certification exam for ASE Painting and Refinishing.

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER
ACADEMY OF APPLIED TECHNOLOGY
Career Pathway: Auto Service

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language or Fine Arts**	U.S. History*	U.S. Government/Economics*
Physical Education**	Elective	Auto Maintenance & Light Repair <i>OCP-B: Engine Repair Technician ASE</i>	Auto Maintenance & Light Repair <i>OCP-F: Automotive Brake System Technician</i>
Auto Maintenance & Light Repair 1	Auto Maintenance & Light Repair 2 <i>OCP-A: Automobile Services Assistor</i>	Auto Maintenance & Light Repair <i>OCP-E: Automobile Suspension and Steering Technician</i>	Auto Maintenance & Light Repair

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All Grade 12 students will take the industry certification exam for ASE G1 certification.

Student Signature Date

Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER

ACADEMY OF APPLIED TECHNOLOGY

Career Pathway: Electronic Technology

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language Course**	U.S. History*	U.S. Government/Economics*
Physical Education**	Fine Arts Course**	Electronic Tester 1	Electronic Tester 3
Electronic Assembler 1	Electronic Assembler 2 <i>OCP-A: Electronics Assembler</i> <u>ISCET ESA-DC</u>	Electronic Tester 2 <u>ISCET ESA-AC</u>	Electronic Tester 4 <i>OCP-B: Electronics Tester</i> <u>ISCET ESA-Digital</u>

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

All students will take the industry certification exams for International Society of Certified Electronic Technicians (ISCET) Electronics Systems Associate (ESA): ISCET ESA-DC, ISCET ESA-AC, ISCET ESA-Digital.

 Student Signature Date

 Parent Signature Date



MIAMI LAKES EDUCATIONAL CENTER
ACADEMY OF APPLIED TECHNOLOGY
Career Pathway: Building Automation Systems Technology

Four Year Academic/Career Plan for: _____
Print Name of Student

Student ID # _____ Date _____

Grade 9	Grade 10	Grade 11	Grade 12
English 1*	English 2*	English 3*	English 4*
Algebra 1, Geometry or Algebra 2 Honors	Geometry, Algebra 2 or Pre Calculus Honors	Geometry, Algebra 2 or Pre Calculus Honors	Pre Calculus Honors or AP Calculus AB
Physical Science, Biology or Chemistry	Biology, Chemistry, or Physics Honors	Chemistry or Physics Honors	Physics Honors, AP Biology, AP Chemistry or AP Physics
World History*	Foreign Language Course**	U.S. History*	U.S. Government/Economics*
Physical Education**	Fine Arts Course**	Instrument Mechanic 1	Electrician Maintenance 1
Electrician 1	Electrician 2	Instrument Mechanic 2	Electrician Maintenance 2

*Most courses are available in the following levels: Regular, Honors, AICE, or AP.

**FSA Reading Level 1 and Level 2 students must take Intensive Reading until they reach Level 3 proficiency. In order to meet graduation requirements (Physical Ed, Fine Arts), college entry (Foreign Language) and/or to earn specific technical certificates, students may need to complete some courses in Florida Virtual School.

Student Signature Date

Parent Signature Date