

FIND YOUR PATH

AT LAMAR HIGH SCHOOL

An International Baccalaureate World School

With so many options at Lamar to choose from, it takes some planning to get to where you want to be when you graduate. This book can help you, through grades 9 – 12, to pick the classes you need to meet your academic goals and participate in the activities you like.

With the sample plans in this book, you can follow the one that fits you exactly, or borrow the concept from one and adjust it to suit your interests, no matter what you want to accomplish. Lamar offers strong college preparation in all classes and grades with the power and support of the International Baccalaureate behind everything we do.

Whether you are a magnet student, athlete, IB diploma candidate, or artist, you can build your program at Lamar with the plans in this book. But one thing is certain: every student at Lamar is an IB student. So what is IB and what can it do for you?

The International Baccalaureate aims to develop inquiring, knowledgeable, and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

To this end the organization works with schools, governments, and international organizations to develop challenging programmes of international education and rigorous assessment.

These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

The IB Middle Years Programme, provides a framework of academic challenge that encourages students to embrace and understand the connections between traditional subjects and the real world, and to become critical and reflective thinkers.

The curriculum

The IB Middle Years programme consists of eight subject groups integrated through five Areas of Interaction that provide a framework for learning within and across the subjects. Students are required to study English, a second language, humanities, sciences, mathematics, arts, physical education, and technology. In the sophomore year, students engage in a personal project, which allows them to demonstrate the understandings and skills they have developed throughout the programme. In junior and senior years, anyone can pursue the IB diploma; many of the plans identify diploma paths. Regardless of what pathway you choose, you will receive a world class education at Lamar which will prepare you for great things in your future.

<http://www.ibo.org/mission/>; <http://www.ibo.org/myp/>

RECOMMENDED HIGH SCHOOL PROGRAM GRADUATION PATHWAY

The State Board of Education is currently reviewing House Bill 5 to determine the rules for graduation requirements for students entering grade 9 during or after 2013. Complete information is expected in the spring.

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	English 3	English 4
2	Language Acquisition 1	Language Acquisition 2	Elective	Elective
3	World Geography	World History	U.S. History	Government Economics
4	Biology	Chemistry	Physics	4 th Science*
5	Algebra 1	Algebra 2	Geometry	Precalculus or Advanced Quantitative Reasoning
6	Principles of Business, Marketing and Finance	Business Information Management or Computer Science PDP	Elective	Elective
7	P.E. or equivalent	Health/Speech	Elective	Elective
8	Elective or Fine Art	Fine Art or Elective	Elective	Elective

Recommended Program Requirements

4 credits of English

4 credits of Math

4 credits of Science (*4th science: Anatomy, Aquatic Science, IB Science Standard Level; IPC is now an elective)

4 credits of Social Studies

2 credits of a Language other than English

½ credit of Speech (Communication Application)

½ credit of Health

1 credit of Computer Technology: BIM – Business Information Management or Computer Science

1 credit of P.E. or an equivalent

1 credit of a Fine Art: Visual Art, Band, Choir, Orchestra, Music History and Literature, Music Theory, IB Music, Dance, Theatre, Piano, IB Film, Floral Design

4 credits of Electives

What is the IB Diploma Programme?

The IB Diploma Programme is designed as an academically challenging and balanced programme of education with final examinations that prepares students for success at university and life beyond. The programme is taught in 11th and 12th grade and has gained recognition and respect from the world's leading universities.

The curriculum

IB Diploma Programme students study six courses at higher level (HL) or standard level (SL). Students must choose one subject from each of groups 1 to 5, thus ensuring breadth of experience in languages, social studies, the experimental sciences and mathematics. The sixth subject may be an arts subject chosen from group 6, or the student may choose another subject from groups 1 to 5.

In addition the programme has three core requirements that are included to broaden the educational experience and challenge students to apply their knowledge and understanding.

The extended essay is a requirement for students to engage in independent research through an in-depth study of a question relating to their studies.

Theory of knowledge is a course designed to encourage each student to reflect on the nature of knowledge by critically examining different ways of knowing and different kinds of knowledge.

Creativity, action, service requires that students actively learn from the experience of doing real tasks beyond the classroom.

Assessment

Students take written examinations at the end of the programme, which are marked by external IB examiners. Students also complete assessment tasks in the school, which are either initially marked by teachers and then moderated by external moderators or sent directly to external examiners.

The diploma is awarded to students who gain at least 24 points, subject to certain minimum levels of performance across the whole programme and to satisfactory participation in the creativity, action, service (CAS) requirement.

What are the benefits of the IB Diploma?

Public universities in Texas, Colorado, California and Florida give a minimum of 24 hours of credit to IB diploma recipients attending state colleges. Lamar graduates have received as many as 45 hours of credit from their scores on the IB diploma.

Life in the 21st century, in an interconnected, globalized world, requires critical-thinking skills and a sense of international-mindedness - something that International Baccalaureate® (IB) Diploma Programme students come to know and understand.

<http://www.ibo.org/diploma/>

IB DIPLOMA SAMPLE PATHWAY

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language Acquisition	Language Acquisition	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	World Geography	World History	PDP U.S. History	IBDP Economics, World Religions SL or History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1	Algebra 2	Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	P.E. or equivalent	Health/Speech	IBDP Group 6 PDP, SL or HL or Elective	Elective or IBDP Group 6 SL or HL
7	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	Government/ TOK	TOK/Economics
8	Fine Art or Elective	Elective or Fine Art	Elective	Elective

* The math sequence is: Algebra 1, Algebra 2, Geometry and 4th math/Precalculus; all are required to graduate. An IBDP math, (SL Math or Math Studies), is needed for the diploma. PDP Geometry may be taken in the summer after Algebra 1 or 2 and/or PDP Precalculus may be taken in the summer after completion of Algebra 2 and Geometry.

LAMAR BUSINESS ADMINISTRATION MAGNET PATHWAY

IB Diploma Sample

	9th grade	10th grade	11th grade	12th grade
1	English 1PDP	English 2 PDP	IBDP English 3	IBDP English 4 HL
2	Language Acquisition PDP	Language Acquisition PDP	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	AP World Geography	AP World History	PDP U.S. History	*IBDP Economics, World Religions SL or History of the Americas HL
4	Biology PDP	Chemistry PDP	Physics PDP	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1 PDP	Algebra 2 PDP	PDP Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	IBDP Business SL	IBDP Business HL
7	P.E. or equivalent	Health/Speech	Government/TOK	TOK/Economics
8	Fine Art or Elective	Elective or Fine Art	Elective	Elective

* IBDP Economics SL meets the requirements for graduation and the IB diploma.
IBDP Business meets IB diploma requirements for group 3 or group 6.

IB DIPLOMA SAMPLE PATHWAY

with Algebra 1 credit from Middle School

	9 th grade	10 th grade	11 th grade	12 th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language Acquisition	Language Acquisition	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	World Geography	World History	PDP U.S. History	IBDP Economics, World Religions SL or History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1 in MS Algebra 2	Geometry	Precalculus	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer		IBDP Math HL
			IBDP Math SL	
6	P.E. or equivalent	Health/Speech	IBDP Group 6 SL or Elective	Elective or IBDP Group 6 SL or HL
7	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	Government/TOK	TOK/ Economics
8	Elective or Fine Art	Fine Art or Elective	Elective	Elective

IBDP MATH STUDIES SL is a combination of algebra; sets, logic and probability; functions; geometry and trigonometry; statistics; introductory differential equations; and financial mathematics.

IBDP MATH SL combines calculus, functions and equations, matrices and vectors, statistics and probability, and circular functions in trigonometry.

IBDP MATH HL combines a continuation of the topics in Math SL and one of these topics: sets, relations and groups, series and differential equations, statistics and probability or discrete mathematics.

IB DIPLOMA SAMPLE PATHWAY

with a Math and Science Focus

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language Acquisition	Language Acquisition	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	World Geography	World History	PDP U.S. History	IBDP Economics, World Religions SL or History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1 in MS Algebra 2	Geometry	Precalculus	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer		IBDP Math HL
6	P.E. or equivalent	Health/Speech	IBDP Biology or Chemistry SL	IBDP Biology or Chemistry HL
7	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	Government/TOK	TOK/ Economics
8	Elective or Fine Art	Fine Art or Elective	Elective	Elective

IB DIPLOMA SAMPLE PATHWAY

with a Computer Science and Math Focus

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language Acquisition	Language Acquisition	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	World Geography	World History	PDP U.S. History	IBDP Economics, World Religions SL or History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1 in MS Algebra 2	Geometry	Precalculus	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer	IBDP Math SL	IBDP Math HL
6	P.E. or equivalent	Health/Speech	Government/TOK	TOK/ Economics
7	Principles of Business, Marketing and Finance	Computer Science PDP	IBDP Computer Science SL	IBDP Computer Science HL
8	Elective or Fine Art	Fine Art or Elective	Elective	Elective

IB DIPLOMA SAMPLE PATHWAY

with a Fine Arts Focus

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language Acquisition	Language Acquisition	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	World Geography	World History	PDP U.S. History	IBDP Economics, World Religions SL or History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1	Algebra 2	Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Art, Theatre, or Dance	PDP Art or Music, Theatre or Dance	IBDP Art, Theatre, Dance, Music or Film SL	IBDP Art, Theatre, Dance, Music or Film HL
7	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	Government/ TOK	TOK/Economics
8	P.E. or equivalent	Health/Speech	Elective	Elective

IB DIPLOMA SAMPLE PATHWAY

Single Period Activity, not a Fine Art

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language Acquisition	Language Acquisition	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	World Geography	World History	PDP U.S. History	IBDP Economics, World Religions SL or History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1	Algebra 2	Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	P.E. or equivalent	Fine Art	IBDP Group 6 SL	IBDP Group 6 HL
7	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	Government/ TOK	TOK/Economics
8	Activity: Debate, Journalism, Agriculture, Horticulture, Architecture, Engineering	Activity: Debate, Journalism, Agriculture, Horticulture, Architecture, Engineering	Activity: Debate, Journalism, Agriculture, Horticulture, Architecture, Engineering	Activity: Debate, Journalism, Agriculture, Horticulture, Architecture, Engineering

Summer School or online: Health and Speech

Variation: If Group 6 is a Fine Art or an SL (not a 2 period HL), summer school is not required.

IB DIPLOMA SAMPLE PATHWAY

Fall Sport Athletics

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language 1 In middle school	Language Acquisition 3 PDP	Language Acquisition 4	IBDP Language Acquisition 5 HL
	Language Acquisition 2			
3	World Geography	World History	PDP U.S. History	IBDP History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1	Algebra 2	Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Athletics	Athletics	Athletics	IBDP Art History or Environmental Science SL
7	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	Government/ TOK	TOK/Economics
8	Study Lab	Study Lab	Study Lab	Athletics/Speech

Summer School or online: Health

IB DIPLOMA SAMPLE PATHWAY

Dual Periods of Athletics
with Language Credit from Middle School

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language 1 in MS	Language Acquisition 3 PDP	IBDP Language Acquisition 4 SL	Athletics
	Language Acquisition 2			
3	World Geography	World History	PDP U.S. History	IBDP History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1	Algebra 2	Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	IBDP Economics SL (or other IBSL and add economics to summer school)	IBDP Economics HL (or other IBHL and add economics to summer school)
7	Athletics	Athletics	Fine Art A/ TOK	TOK/Fine Art B
8	Study Lab	Study Lab	Athletics	Study Lab

Summer School or online: Health, Speech, and Government

IB DIPLOMA SAMPLE PATHWAY

Dual Periods of Athletics
with No Credit from Middle School

This is not an option for Magnet students

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language Acquisition 1	Language Acquisition 2	Language Acquisition 3 PDP	IBDP Language Acquisition 4 SL
3	World Geography	World History	PDP U.S. History	IBDP History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1	Algebra 2	Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Fine Arts	BIM or Computer Science PDP	IBDP Economics SL (or other IBSL and add economics to summer school)	IBDP Economics HL (or IBHL and add economics to summer school)
7	Athletics	Athletics	Government/ TOK	TOK/Speech
8	Study Lab	Study Lab	Athletics	Athletics

Summer School or online: Health

IB DIPLOMA SAMPLE PATHWAY

Single Period of Athletics
with No Credit from Middle School

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	IBDP English 3	IBDP English 4 HL
2	Language Acquisition 1	Language Acquisition 2	Language Acquisition 3 PDP	IBDP Language Acquisition 4 SL
3	World Geography	World History	PDP U.S. History	IBDP History of the Americas HL
4	Biology	Chemistry	Physics	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1	Algebra 2	Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	Group 6: IBSL	Group 6: IBHL
7	Fine Art	Health/Speech	Government/ TOK	TOK/Economics
8	Athletics	Athletics	Athletics	Athletics

LAMAR BUSINESS ADMINISTRATION MAGNET PATHWAY

IB Diploma Sample for Athletes

	9th grade	10th grade	11th grade	12th grade
1	English 1PDP	English 2 PDP	IBDP English 3	IBDP English 4 HL
2	Language Acquisition 1/PDP 2	Language Acquisition PDP 2/3	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	AP World Geography	AP World History	PDP U.S. History	*IBDP Economics, World Religions SL or History of the Americas HL
4	Biology PDP	Chemistry PDP	Physics PDP	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1 PDP	Algebra 2 PDP	PDP Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	IBDP Business SL	IBDP Business HL
7	Athletics	Athletics	Government/TOK	TOK/Economics
8	Fine Art	Health/Speech	Athletics	Athletics

* IBDP Economics SL meets the requirements for graduation, and the IB diploma.
IBDP Business meets diploma requirements for group 3 or group 6.

LAMAR BUSINESS ADMINISTRATION MAGNET PATHWAY

IB Diploma Sample with a Fine Arts Focus

	9th grade	10th grade	11th grade	12th grade
1	English 1PDP	English 2 PDP	IBDP English 3	IBDP English 4 HL
2	Language Acquisition 1/PDP 2	Language Acquisition PDP 2/3	Language Acquisition 3 PDP or 4 SL	IBDP Language Acquisition 4 SL or 5 HL
3	AP World Geography	AP World History	PDP U.S. History	*IBDP Economics, World Religions SL or History of the Americas HL
4	Biology PDP	Chemistry PDP	Physics PDP	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1 PDP	Algebra 2 PDP	PDP Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	IBDP Business SL	IBDP Business HL
7	PE or equivalent	Health/Speech	Government/TOK	TOK/Economics
8	Art, Theatre, or Dance	PDP Art or Music, Theatre or Dance	IBDP Art, Theatre, Dance, Music or Film SL	IBDP Art, Theatre, Dance, Music or Film HL

* IB Economics SL meets the requirements for graduation, and the IB diploma.
IB Business meets diploma requirements for group 6 or group 3.

LAMAR BUSINESS ADMINISTRATION MAGNET PATHWAY

Single Period of Athletics
with No Credit from Middle School

	9th grade	10th grade	11th grade	12th grade
1	English 1 PDP	English 2 PDP	IBDP English 3	IBDP English 4 HL
2	Language Acquisition 1	Language Acquisition 2 PDP	Language Acquisition 3 PDP	IBDP Language Acquisition 4 SL
3	AP World Geography	AP World History	PDP U.S. History	IBDP History of the Americas HL
4	Biology PDP	Chemistry PDP	Physics PDP	IBDP Science SL: Biology, Chemistry, Physics or Environmental Science
5	Algebra 1 PDP	Algebra 2 PDP	PDP Geometry or Precalculus*	IBDP Math Studies or IBDP Math SL
		PDP Geometry or Precalculus in Summer School*		
6	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	IBDP Business SL	IBDP Business HL
7	Fine Art	Health/Speech	Government/ TOK	TOK/Economics
8	Athletics	Athletics	Athletics	Athletics

What is the IB Career-related Certificate (IBCC)?

The IBCC incorporates the educational principles, vision and learner profile of the IB into a unique offering that specifically addresses the needs of students who wish to engage in career-related education. The IBCC encourages these students to benefit from elements of an IB education, through a selection of two to four Diploma Programme courses in addition to a unique IBCC core, comprised of an approaches to learning (ATL) course, a reflective project, language development and community and service.

What are the benefits of the IBCC?

- Develop a broad range of career-related competencies and to deepen their understanding in general areas of knowledge
- Prepare for effective participation in an ever-changing world of work
- Foster the attributes of the learner profile allowing students to become true lifelong learners willing to consider new perspectives
- Engage in learning that makes a positive difference to future lives
- Become a self confident person ready for life in the 21st century.

<http://www.ibo.org/ibcc/>

The IB Career-related Certificate

	9th grade	10th grade	11th grade *	12th grade *
1	English 1	English 2	English 3	English 4
2	Algebra 1	Algebra 2	Geometry	Precalculus or Advanced Quantitative Reasoning
3	Biology	Chemistry	Physics	4 th Science
4	World Geography	World History	U.S. History	Government Economics
5	Language Acquisition 1	Language Acquisition 2	Language Acquisition 3 or Elective	Language Acquisition 4 or Elective
6	Principles of Business, Marketing and Finance	Business Information Management	Elective/IBCC ATL	IBCC ATL/Elective
7	P.E. or equivalent	Health/Speech	Fine Art	Elective
8	CTE Course 1: Agriculture or Culinary	CTE course 2: Agriculture, Horticulture or Culinary	CTE Course 3: Agriculture, Horticulture or Culinary	CTE Course 4: Agriculture, Horticulture or Culinary

The IB Career-Related Certificate requires that two classes in junior and senior year must be IB diploma level classes. PDP classes may be taken in grade(s) 9 and/or 10. For example:

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Principles of Business, Marketing and Finance	Business Image Management	IB Business SL	IB Business HL
English 1 (PDP or recommended)	English 2 (PDP or recommended)	IB English 3	IB English 4 HL
Language Development 1 or 2 PDP	Language Development 2 or 3 PDP	Language Development 3 PDP or IB 4 SL	IB Language Development 4 SL or 5 HL
PDP Biology	Chemistry (PDP or recommended)	IB Biology SL plus Physics (PDP or recommended)	IB Biology HL

CAREER AND TECHNOLOGY EDUCATION (CTE) COURSE SEQUENCES

Students regardless of grade, enter the programs in the first course in sequence. Knowledge builds throughout the program and prerequisites are required.

Students selecting a CTE course are required to take the sequence for at least two years, but are encouraged to take all four years.

	First Course	Second Course	Third Course	Fourth Course
Animal Science	Principles of Agriculture	Equine Science/ Small Animal Management	Livestock Production	Practicum in Animal Science
Architecture and Construction	Principles of Architectural Construction	Construction Technology		
Business	Principles of Business, Marketing and Finance	Business Information Management	Career Prep 1 Work Study Program	Career Prep 2 (Leave school to work and earn HS credit)
Culinary Arts	Principles of Hospitality and Tourism	Restaurant Management	Culinary 1	Practicum in Culinary (2 periods)
Horticulture	Principles of Agriculture	Horticultural Science	Floral Design (meets fine art graduation requirement)	Landscape Design
Science, Technology, Engineering and Math	Concepts in Engineering Technology	Principles of Technology	Engineering Design	Robotics and Automation

RECOMMENDED HIGH SCHOOL PROGRAM GRADUATION PATHWAY

Business Career Prep Earn Salary and High School Credit

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	English 3	English 4
2	Language Development 1	Language Development 2	Career Prep 1	Career Prep 2
3	World Geography	World History	U.S. History	Government/ Economics
4	Biology	Chemistry	Physics	4 th Science*
5	Algebra 1	Algebra 2	Geometry	Precalculus or Advanced Quantitative Reasoning
6	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	Off Campus	Off Campus
7	P.E. or equivalent	Health/Speech	Off Campus	Off Campus
8	Elective or Fine Art	Fine Art or Elective	Off Campus	Off Campus

Students with 1 ½ credits in business classes are eligible to take Career Prep as juniors and/or seniors. Students take a 1 period class and are able to leave school early for 1 – 4 periods each year so they participate in the work/study program.

Earn salary and high school credit with Career Prep.

RECOMMENDED HIGH SCHOOL PROGRAM GRADUATION PATHWAY

HCC Dual Credit and AP College Credit Courses

	9th grade	10th grade	11th grade	12th grade
1	English 1	English 2	English 3	IBSL/HCC English 4
2	Language Development 1	Language Development 2	Elective	Elective
3	AP Human Geography	AP World History	U.S. History	AP Government
4	Biology	Chemistry	Physics	4 th Science*
5	Algebra 1	Algebra 2	Geometry	Precalculus or Advanced Quantitative Reasoning
6	Principles of Business, Marketing and Finance	BIM or Computer Science PDP	IBSL/HCC Economics	HCC Psychology
7	P.E. or equivalent	Health/Speech	Elective	Elective
8	Elective or Fine Art	Fine Art or Elective	Elective	Elective

Earn college credit with Advanced Placement or HCC classes as a junior and/or senior. Eligible students may take 1 or 2 HCC courses each year by qualifying with SAT, ACT, TSI Assessment or TAKS scores. Tuition is free for HCC Dual credit and eligible students may also take classes only for college credit in the sophomore and/or junior summer(s) with free tuition at the HCC Central Campus.

MY PLAN

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
1				
2				
3				
4				
5				
6				
7				
8				