

**Y**our future is in your hands. Test out your interests in one of Lamar’s Course Pathways to prepare yourself for college and beyond.

To maximize and focus your time at Lamar, find a plan that interests you. Meet with your Academic Dean to build on the basic plans here and customize your program with the many things you might want to do at Lamar.

Follow the links to college websites and the world’s best college and career planning guide at *Achieve Texas* to investigate courses, majors and careers that match your interests that will take you to your next step.

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## RECOMMENDED GRADUATION PATHWAY for students entering 9<sup>th</sup> grade from 1997 - 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	English 3	English 4
2	Algebra 1	Geometry	Algebra 2	Precalculus
3	Science (see pg. 5)	Science	Science	Science
4	World Geography	World History	U.S. History	Government Economics
5	Language other than English	Language other than English	Elective	Elective
6	Health Speech	Computer Technology	Elective	Elective
7	P.E. or equivalent	P.E. or equivalent	Elective	Elective
8	Principles of Information Technology	Fine Art	Elective	Elective

### Recommended Program Requirements (entering 9<sup>th</sup> grade in 1997 – 2009)

4 credits of English

4 credits of Math

4 credits of Science

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

BCIS – Business Computer Information Systems or

BIMM – Business Image Management for Business Magnet Students or  
Computer Science

**1 ½ credit of P.E. or an equivalent**

1 credit of a Fine Art

Art, Band, Choir, Orchestra, Music History and Literature, Music Theory, IB Music, Dance,  
Theatre, Piano, IB Film

**3 ½ credits of Electives**

**Pathways that follow are based on graduation requirements for students who entered 9<sup>th</sup> grade after 2009. For students entering 9<sup>th</sup> grade in 1997 – 2009, add an additional ½ credit in PE and subtract a half credit in an elective. Other requirements remain the same.**

## RECOMMENDED GRADUATION PATHWAY for students entering 9<sup>th</sup> grade after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	English 3	English 4
2	Algebra 1	Geometry	Algebra 2	Precalculus
3	Science (see pg. 5)	Science	Science	Science
4	World Geography	World History	U.S. History	Government Economics
5	Language other than English	Language other than English	Elective	Elective
6	Principles of Information Technology	Computer Technology	Elective	Elective
7	P.E. or equivalent	Elective	Elective	Elective
8	Health/Speech or Elective	Fine Art	Elective	Elective

### Recommended Program Requirements (entering 9<sup>th</sup> grade after 2009)

4 credits of English

4 credits of Math

4 credits of Science

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 Image Management or  
Computer Science

**1 credit of P.E. or an equivalent**

1 credit of a Fine Art

Art, Band, Choir, Orchestra, Music History and Literature, Music Theory, IB Music, Dance,  
Theatre, Piano, IB Film

**4 credits of Electives**

# MATHEMATICS OPTIONS

## Math Sequence: Recommended Graduation Requirements

For students needing a minimum of math preparation:

Algebra 1	Geometry	Algebra 2	Adv. Math Decision Making (AMDM)
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**Recommended math sequencing.** Courses may be taken in Recommended, CP or PDP levels

Algebra 1	Geometry	Algebra 2	Precalculus
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## Math Sequence: Advanced Math Options

Sequencing for selective colleges or majors with a math emphasis

Algebra 1	Geometry	Algebra 2	Precalculus	AP Calculus
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Sequence for IB diploma candidates who prefer Statistics to Calculus

PDP Algebra 1	PDP Geometry	PDP Algebra 2	PDP Precalculus	IB SL Math Studies (Recommended level or PDP Precalculus is needed and may be taken concurrently with Math Studies)
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Sequence for IB math for those applying to selective colleges or majors with a math emphasis

PDP Algebra 1	PDP Geometry	PDP Algebra 2	PDP Precalculus	IB SL Math	IB HL Math
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## Lamar Summer School can increase your math options:

PDP Geometry and Precalculus are available in summer to take your math skills further

For IB diploma candidates taking Algebra 1 in the 9<sup>th</sup> grade:

9 <sup>th</sup> grade	Summer	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Algebra 1 PDP	Geometry PDP	Algebra 2 PDP	Precalculus PDP	IB Math SL or IB Math Studies

For strong math students to complete two years of Calculus:

9 <sup>th</sup> grade	10 <sup>th</sup> grade	Summer	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Geometry PDP	Algebra 2 PDP	Precalculus PDP	IB Math SL	IB Math HL

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

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

## LANGUAGE OTHER THAN ENGLISH

Two complete years from the same language are required for graduation. College bound students are encouraged to take as many years of other languages as possible.

## SCIENCE OPTIONS

### Science Sequence Options: Recommended Graduation Requirements for entering 9<sup>th</sup> graders after 2009

Since mathematics is an integral part of Chemistry and Physics, science sequencing correlates to math placement in these classes.

*4<sup>th</sup> science options include:* Anatomy and Physiology; Aquatic Science; IB Biology, Chemistry, Physics or Environmental Science.

**Sequence for workforce occupations or college majors with a minimum of math and science:**

Biology 1	Recommended level Chemistry	Physics	<i>4<sup>th</sup> science option</i>
Algebra 1 or Geometry	Algebra 2 preferred but not required	Algebra 2 required but may be taken concurrently	

**Science/Math Sequence for Pre Diploma Program (PDP) sciences:**

PDP Biology 1	PDP Chemistry	PDP Physics	PDP SL/HL Science
PDP Algebra 1 or Geometry	PDP Algebra 2	PDP Precalculus	

**Students may take 2 sciences in the same year as long as math sequencing is met:**

PDP Biology 1	PDP Chemistry PDP Physics	IB SL Physics and/or Bio, Chem, Env. Sci	IB SL/HL Physics, Bio, Chem or SL Env. Sci
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### Lamar Summer School can increase your science options:

PDP Chemistry is available in summer to take your science skills further. Math needs must be met previously or concurrently for Chemistry and Physics.

Three years of Physics can be taken with planning and summer school:

Summer	9 <sup>th</sup> grade	Summer	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
	Biology PDP	Chemistry PDP	Physics PDP	IB Physics SL	IB Physics HL
Geometry PDP	Algebra 2 PDP		Precalculus PDP	IB Math SL	IB Math HL

**OR**

Summer	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
	Biology PDP	Chemistry PDP	IB Physics SL	IB Physics HL
		Physics PDP		
Geometry PDP	Algebra 2 PDP	Precalculus PDP	IB Math SL	IB Math HL

## DUAL CREDIT PATHWAY

for entering 9<sup>th</sup> graders after 2009  
Earn college credit while in high school

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1 CP	English 2 CP	English 3	English 4 Dual Credit*
2	Math (see pg. 4)	Math	Math	Math
3	Science (see pg. 5)	Science	Science	Science
4	World Geography CP	World History CP	U.S. History	Psychology Dual Credit/AP*
5	Language other than English	Language other than English	Government Dual Credit/AP*	Elective
6	Health / Speech	Computer Technology	Economics Dual Credit/AP*	Elective
7	P.E. or equivalent	Elective	Fine Art	Elective
8	Principles of Information Technology	Elective	Elective	Elective

12 hours college credit      12 hours college credit  
X \$458 (average tuition & fees of 1 hour college credit of state colleges in Texas)\*

**YOU SAVED \$10,992.00 In College Tuition with Dual Credit**

\* <http://www.collegeforalltexas.com/apps/collegecosts.cfm?Type=1&Level=1>

\* Juniors and seniors may take up to 2 Dual Credit periods each year to earn as many as 24 college hours while at Lamar. HCC Dual Credit courses not taught at Lamar may be available online in a class period during the school day. Free Dual Credit courses are available in the summer at the HCC Central Campus. See Sue Ling in the College Corner for more information.

Dual Credit/AP courses give students an option to earn college credits through AP testing at colleges that do not accept HCC Dual Credit hours.

## YOUR NEXT STEP.....

For even more savings, go to HCC for 2 years and transfer to a 4 year university. Go to <http://www.hccs.edu/portal/site/hccs> for information on the campus near you. Plan ahead to transfer to UT Dallas and you can lock in your UTD tuition rates 2 years before you arrive on campus with Comet Connection. Go to <http://www.utdallas.edu/connect/> for more information.

Dual Credit transfers to all Texas public colleges and widely to other colleges and universities. Contact HCC for information on Articulation Agreements with the college you plan to attend.

# LAMAR BUSINESS ADMINISTRATION MAGNET PATHWAY

## Recommended Graduation Requirements for students entering 9<sup>th</sup> grade after 2009

Magnet students are required to take a minimum of two PDP or IBDP courses each year

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	English 3	English 4
<b>2</b>	Math (see pg. 4)	Math	Math	Math
<b>3</b>	Science (see pg. 5)	Science	Science	Science
<b>4</b>	World Geography	World History	U.S. History	Government Economics
<b>5</b>	Language other than English	Language other than English	Elective	Elective
<b>6</b>	Health Speech	Fine Art	Elective	Elective
<b>7</b>	P.E. or equivalent	Elective	Elective	Elective
<b>8</b>	Magnet: Principles of Information Technology	Magnet: BIM or PDP Computer Science (meets graduation requirement for Computer Technology)	Magnet Option (see pg. 9)	Magnet Option (see pg. 9)

## Business Administration Magnet Course Options

**Grade 11**            Global Business and Money Matters

Accounting 1

PDP Computer Science (Meets graduation requirement for Computer Technology)

IB Computer Science SL

IB Economics SL (Meets graduation requirement for Economics)

IB Business SL

**Grade 12**            Global Business and Money Matters

Accounting 1

Accounting 2

PDP Computer Science (Meets graduation requirement for Computer Technology)

IB Computer Science SL

IB Computer Science HL

IB Economics SL (Meets graduation requirement for Economics)

IB Economics HL

IB Business SL

IB Business HL

Practicum in Business Management 1

**YOUR NEXT STEP**.....Consider a business degree from Texas State University in San Marcos. Go to <http://www.business.txstate.edu/> for more information.

Think about a business degree at Texas A & M in Corpus Christi at <http://www.cob.tamucc.edu/> . Admission to top 50% requires admission test scores of SAT CR+Math1000/ACT 21 or a 3<sup>rd</sup> quarter score of SAT CR+M 1100/ACT 23 to a highly ranked business department.

For other highly ranked business programs, look at UT Dallas <http://som.utdallas.edu/> or <http://admissions.tamu.edu/freshmen/WhyAggieland/UniquePrograms/colleges/mays.aspx> for Texas A & M.

# IB DIPLOMA PATHWAY for entering 9<sup>th</sup> graders after 2009

## IB Diploma Sample

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	IB English 3	IB English 4 HL
<b>2</b>	Math (see pg. 10)	Math	Math PDP or IB/SL	IB Math SL or HL
<b>3</b>	Science (see pg. 10)	Science	Science PDP or IB/SL	IB Science SL or HL
<b>4</b>	World Geography	World History	U.S. History	IB Group 4 SL or HL
<b>5</b>	Language other than English	Language other than English	Language other than English PDP or IB/SL	Language other than English IB SL or HL
<b>6</b>	P.E. or equivalent	Elective	IB Group 6 PDP, SL or HL or Elective	Elective Or IB Group 6 SL or HL
<b>7</b>	Health/ Speech	Fine Art	Theory of Knowledge	Government Economics
<b>8</b>	Principles of Information Technology	Computer Technology	Elective	Elective

IB Diploma Candidates must complete Theory of Knowledge and an Extended Essay of 3,000-4,000 words and test in 6 subject areas. Tests must include 3 Higher Level and 3 Standard Level.

For a personalized diploma plan, IB diploma candidates should see their advisor during their freshman or sophomore year.

Students may take the full diploma or individual classes in your favorite subject areas. Contact Jon Mallam at [jmallam@houstonisd.org](mailto:jmallam@houstonisd.org) or go by room N213 for an application.

## **MATHEMATICS OPTIONS for IB DIPLOMA CANDIDATES**

**Sequence for IB diploma candidates who prefer more Statistics than Calculus:**

PDP Algebra 1	PDP Geometry	PDP Algebra 2	PDP Precalculus	IB SL Math Studies
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IB MATH STUDIES SL is a combination of algebra; sets, logic and probability; functions; geometry and trigonometry; statistics; introductory differential equations; and financial mathematics.

**Sequence for IB diploma candidates applying to selective colleges or majors with a math emphasis:**

PDP Algebra 1	PDP Geometry	PDP Algebra 2	PDP Precalculus	IB SL Math
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OR

PDP Algebra 1	PDP Geometry	PDP Algebra 2	PDP Precalculus	IB SL Math	IB HL Math
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IB MATH SL combines calculus, functions and equations, matrices and vectors, statistics and probability, and circular functions in trigonometry.

IB 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.

## **SCIENCE OPTIONS for IB DIPLOMA CANDIDATES**

PDP Biology		PDP Chemistry	PDP Physics	IB SL Biology, Chemistry, or Environmental Science
PDP Algebra 1	Summer PDP Geometry	PDP Algebra 2	PDP Precalculus	IB SL Math or Math Studies

OR

PDP Biology	PDP Chemistry	PDP Physics	IB SL Bio, Chem, or Environ. Science
PDP Algebra 1	PDP Algebra 2	PDP Precalculus	IB SL Math or Math Studies

OR

PDP Biology	PDP Chemistry	IB SL Biology, Chemistry, or Env Sci	IB HL Biology, Chemistry Or SL Env. Science
		PDP or Recommended Physics taken concurrently in Grade 11 or 12	
PDP Geometry	PDP Algebra 2	PDP Precalculus	IBSL Math or Math Studies

**YOUR NEXT STEP...** IB diploma recipients receive automatic admission into the Texas Tech Honors Program. Apply to Texas Tech, complete the Honors College application by April 1<sup>st</sup>, and send verification of receiving the diploma. From there, it's possible to receive early acceptance to law or medical schools. For more information, go to <http://www.depts.ttu.edu/honors/scholarship/FrSchol.php> and <http://www.depts.ttu.edu/honors/programs.php>

## FIND CAREERS JUST FOR YOU

Lamar students now have free access to special websites that will give you great information about yourself and the careers that you might enjoy and another that gives you test preparation, scholarship help and more. Come to the College Corner for access codes and more information.

## INTERESTED IN A CAREER IN ENGINEERING OR COMPUTER SCIENCE ?

Do you like to tinker with cars, machinery or technical equipment?	Do you like team sports or group activities?	Do you like working with computers or video games?	Do you get good grades in math?	Do you read scientific or technical magazines?	Do you enjoy working on puzzles or play chess?	Are you good at building things from scratch?	Are you accurate and precise?	Do you read the instructions or follow a blueprint to build things?	Do you keep your things in order and organized?
<b>If you answered 5 or more with “yes”, then Engineering or Computer Science may be for you.</b>									

## ENGINEERING PATHWAY For entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
<b>1</b>	English 1	English 2	English 3	English 4
<b>2</b>	Math (see pg. 4)	Math	Math	Math
<b>3</b>	Science (see pg. 5)	Science	Science	Science
<b>4</b>	World Geography	World History	U.S. History	Government Economics
<b>5</b>	Language other than English	Language other than English	Fine Art	Elective
<b>6</b>	Principles of Information Technology	Computer – PDP Computer Sci preferred	IB Computer Science SL or Elective	IB Computer Science HL or Elective
<b>7</b>	P.E. or equivalent	Health/Speech	Elective	Elective
<b>8</b>	Concepts of Engineering and Technology	Engineering Design and Presentation	Principles of Technology	Robotics and Automation

## COMPUTER SCIENCE

### For entering 9<sup>th</sup> graders after 2009

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	English 3	English 4
<b>2</b>	Math (see pg. 4)	Math	Math	Math
<b>3</b>	Science (see pg. 5)	Science	Science	Science
<b>4</b>	World Geography	World History	U.S. History	Government Economics
<b>5</b>	Language other than English	Language other than English	Elective	Elective
<b>6</b>	Health/ Speech	Fine Art	Elective	Elective
<b>7</b>	P.E. or equivalent	Elective	Elective	Elective
<b>8</b>	Principles of Information Technology	PDP Computer Science	IB Computer Science SL	IB Computer Science HL

**YOUR NEXT STEP.....**The University of Dallas is tops in Computer Science. Begun as a graduate program for research and computer science studies by the founders of Texas Instruments, you will find one of the best programs in the state at <http://cs.utdallas.edu/>

Want a career in video gaming and simulation in 1 or 2 years? Try this program at Texas State Technical College <http://www.waco.tstc.edu/cst/index.php>; or this one at HCC Southwest Campus at 610 and Meyerland Mall: <http://southwest.hccs.edu/southwest/workforce/digital-gaming-simulation>.

Looking for a 4 year degree that combines the Arts and Technology? Check this unique program from UT Dallas: <http://www.utdallas.edu/ah/programs/atec/>

For **the world's best college and career planning guide**, go to [http://www.achievetexas.org/Cluster%20Guides/Info\\_Tech.pdf](http://www.achievetexas.org/Cluster%20Guides/Info_Tech.pdf) for Information Technology  
[http://www.achievetexas.org/Cluster%20Guides/Art\\_AVTech\\_Communications.pdf](http://www.achievetexas.org/Cluster%20Guides/Art_AVTech_Communications.pdf) for AV Technology

## Interested in a Career in Construction or Manufacturing?

Do you like to draw?	Are you good at working with tools?	Did you build things with Legos or blocks as a child?	Did you get good grades in math and science?	Do you like working on projects as part of a team?	Have you ever built a tree house or another structure?	Do you enjoy decorating your room in your house?	Are you good at following directions?	Do you dream of constructing skyscrapers or other structures?	Do you like working with your hands?
<b>If you answered 5 or more with “yes”, then Construction or Manufacturing may be for you.</b>									

## CONSTRUCTION & MANUFACTURING TECHNOLOGY For entering 9<sup>th</sup> graders after 2009

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	English 3	English 4
<b>2</b>	Math (see pg. 4)	Math	Math	Math
<b>3</b>	Science (see pg. 5)	Science	Science	Science
<b>4</b>	World Geography	World History	U.S. History	Government Economics
<b>5</b>	Language other than English	Language other than English	Fine Art	Elective
<b>6</b>	Principles of Information Technology	Computer Technology	Elective	Elective
<b>7</b>	P.E. or equivalent	Health/Speech	Elective	Elective
<b>8</b>	Principles of Architecture and Construction	Construction Technology	Manufacturing Engineering	Elective
		or Building Maintenance Technology	or Career Prep 1 Work/Study (2, 3 or 4 periods)	or Career Prep 2 Work/Study (2, 3 or 4 periods)

## YOUR NEXT STEP.....

Check out these 5 hot careers in Manufacturing:

Robotics Designer...Precision Machinist...Automation Technician...Biotechnology

Engineer...Environmental Engineer. Almost 900,000 Texans work in the manufacturing industry which offers the highest pay in the nation in the private sector.

HCC Central offers 1 year certificate and 2 year Associate Degrees in Manufacturing Technologies. For information on careers related to Manufacturing, Robotics, Machining, Plastics Engineering and Welding, go to

<http://central.hccs.edu/portal/site/central/menuitem.182b4ad9afc58e607bd15b10c17401ca/?vgnextoid=d0ff2d4ae695a110VgnVCM10000054710acRCRD&applInstanceName=default>

Interested in a 2 year robotics degree? Go to Texas State Technical College's site at

<http://www.waco.tstc.edu/icr/> . How about a 1 year program in Welding Technology?

[http://www.waco.tstc.edu/wlt/wlt\\_aas/index.php](http://www.waco.tstc.edu/wlt/wlt_aas/index.php) at TSTC. For other manufacturing programs at Texas' only state supported Technical College, go to <http://www.waco.tstc.edu/en/> TSTC has top rated programs with the best equipment at 5 campuses around the state.

Want a 4 year degree in Manufacturing Engineering? See Texas State's program at

<http://www.engineering.txstate.edu/degrees-programs/manufacturing-objectives-outcomes.html#>

For the **world's best college and career planning guide** on manufacturing technology, go to

<http://www.achievetexas.org/Cluster%20Guides/Manufacturing.pdf>

There's great demand in the fields of Construction Technology and Industrial Electricity. For information on 1 or 2 year Certificate or Associate Degree programs at HCC Central Campus, go to

<http://central.hccs.edu/portal/site/central/menuitem.182b4ad9afc58e607bd15b10c17401ca/?vgnextoid=09ca153f44b4a110VgnVCM2000001b4710acRCRD&applInstanceName=default>

4 year bachelor degree programs in Construction Technology are available at

Prairie View A & M University <http://www.pvamu.edu/pages/5076.asp>

Sam Houston State University <http://www.shsu.edu/catalog/it.html>

Texas A & M University <http://archone.tamu.edu/cosc/>

Texas State <http://www.txstate.edu/technology/degrees-programs/undergraduate.html>

UH [http://www.tech.uh.edu/Programs/Construction\\_Management/](http://www.tech.uh.edu/Programs/Construction_Management/)

University of North Texas <http://www.unt.edu/majors/ucnet.htm>

## INTERESTED IN A CAREER IN AGRICULTURE or FOOD SCIENCE ?

Do you like working outdoors?	Are you good with animals?	Are you organized?	Do you like working with your hands?	Are you interested in environmental issues?	Do you like working with tools or machinery?	Do you enjoy cooking or gardening?	Do you like hunting and fishing?	Are you interested in biology or chemistry?	Do you like camping?
<b>If you answered 5 or more with "yes", then Agriculture or Food Science may be for you.</b>									

# CULINARY ARTS AT *Café M*

## For entering 9<sup>th</sup> graders after 2009

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	English 3	English 4
<b>2</b>	Math (see pg. 4)	Math	Math	Math
<b>3</b>	Science (see pg. 5)	Science	Science	Science
	World Geography	World History	U.S. History	Government Economics
<b>5</b>	Language other than English	Language other than English	Elective	Elective
<b>6</b>	Principles of Information Technology	Fine Art	Health/Speech	Elective
<b>7</b>	P.E. or equivalent	Computer Technology	Elective	Culinary Arts 2
<b>8</b>	Principles of Hospitality & Tourism	Restaurant Management	Culinary Arts 1	Culinary Arts 2

Students selecting the Culinary Program should have exemplary attendance and disciplinary history. Limited space is available for Culinary Arts 1 and placement is based on interest and performance in the Principles of Hospitality and Restaurant Management classes.

Culinary Arts is a two year block. Students taking Culinary 1 are expected to continue the following year in Food Culinary Arts 2.

**YOUR NEXT STEP.....**For a one year certificate or a 2 year associate degree, check out HCC's Central Campus for hands on Culinary instruction. Since the taxpayers of Houston pay part of your tuition, the cost to you is so much less than private, for profit programs. Go to <http://central.hccs.edu/portal/site/central/menuitem.182b4ad9afc58e607bd15b10c17401ca/?vgnextoid=ac4882e651a5a110VgnVCM100000054710acRCRD&appInstanceName=default> for more information.

## HORTICULTURE PATHWAY

### For entering 9<sup>th</sup> graders after 2009

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	English 3	English 4
<b>2</b>	Math (see pg. 4)	Math	Math	Math
<b>3</b>	Science (see pg. 5)	Science	Science	Science
<b>4</b>	World Geography	World History	U.S. History	Government Economics
<b>5</b>	Language other than English	Language other than English	Elective	Elective
<b>6</b>	Principles of Information Technology	Computer Technology	Fine Art	Elective
<b>7</b>	PE or equivalent	Health/ Speech	Elective	Elective
<b>8</b>	Principles of Agriculture, Food and Natural Resources	Horticulture Science	Principles and Elements of Floral Design	Landscape Design and Turf Grass Management

**YOUR NEXT STEP**.....Check out a degree in Texas A & M's Landscape Architecture and Urban Planning at <http://archone.tamu.edu/laup/>

Go to <http://www.waco.tstc.edu/glm/index.php> for information on 1 year certificate or 2 year Associate Degree programs in Golf Course and Landscape Management at Texas State Technical College in Waco.

## AGRICULTURE PATHWAY

### For entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	English 3	English 4
2	Math (see pg. 4)	Math	Math	Math
3	Science (see pg. 5)	Science	Science	Science
4	World Geography	World History	U.S. History	Government Economics
5	Language other than English	Language other than English	Elective	Elective
6	Principles of Information Technology	Computer Technology	Fine Art	Elective
7	PE or equivalent	Health/ Speech	Elective	Practicum in Agriculture, Food and Natural Resources
8	Principles of Agriculture, Food and Natural Resources	Equine Science/ Small Animal Management	Livestock Production	Practicum in Agriculture, Food and Natural Resources

## YOUR NEXT STEP.....

For information on Texas' best agriculture programs, go to  
<http://aqlifesciences.tamu.edu/> to learn about Texas A & M  
<http://www.depts.ttu.edu/agriculturalsciences/> to see what Texas Tech has to offer  
<http://www.pvamu.edu/pages/301.asp> for agriculture programs at Prairie View A & M  
<http://ag.txstate.edu/degrees-programs/undergraduate.html> for ag at Texas State University

For *the world's best college and career planning guide* for Agriculture, Food and Natural Resources, go to  
[http://www.achievetexas.org/Cluster%20Guides/Agri\\_Food\\_Nat\\_Resources.pdf](http://www.achievetexas.org/Cluster%20Guides/Agri_Food_Nat_Resources.pdf)

## INTERESTED IN A CAREER IN COMMUNICATIONS?

Do you have an active imagination?	Do you like to visit art museums?	Do you prefer short stories to "how-to" books?	Is it important to you to express your feelings?	Do you play or would you like to play a musical instrument?	Do you like to draw?	Would you like to be in a school play?	Are you independent and creative?	Do you like to work with technical equipment?	Do you like making designs or decorating your room?
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If you answered 5 or more with "yes", then Communications may be for you.

## JOURNALISM – NEWSPAPER OR YEARBOOK For entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	English 3	English 4
2	Math (see pg. 4)	Math	Math	Math
3	Science (see pg. 5)	Science	Science	Science
4	World Geography	World History	U.S. History	Government Economics
5	Language other than English	Language other than English	Elective	Elective
6	Principles of Information Technology	Computer Technology	Fine Art	Elective
7	PE or equivalent	Health/Speech	Elective	Elective
8	Principles of Arts, Audio Visual Technology and Communication	Professional Communication	Printing and Imaging Technology	Commercial Photography

### YOUR NEXT STEP

.....For a major in Communications/Journalism at one of the state's best programs, visit the University of Houston at

<http://www.uh.edu/academics/catalog/colleges/las/majors/communications/index.php>

or UT Arlington: <http://www.uta.edu/communication/undergraduate/journalism.php>

or Texas State University: <http://www.masscomm.txstate.edu/#>

or the University of North Texas: <http://www.unt.edu/majors/ujour.htm>

For *the world's best college and career planning guide*, go to

[http://www.achievetexas.org/Cluster%20Guides/Art\\_AVTech\\_Communications.pdf](http://www.achievetexas.org/Cluster%20Guides/Art_AVTech_Communications.pdf)

## MEDIA TECHNOLOGY

### For entering 9<sup>th</sup> graders after 2009

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	English 3	English 4
<b>2</b>	Math (see pg. 4)	Math	Math	Math
<b>3</b>	Science (see pg. 5)	Science	Science	Science
<b>4</b>	World Geography	World History	U.S. History	Government Economics
<b>5</b>	Language other than English	Language other than English	Elective	Elective
<b>6</b>	Principles of Information Technology	Computer Technology	Fine Art	Elective
<b>7</b>	PE or equivalent	Health/ Speech	Elective	Elective
<b>8</b>	Principles of Arts, Audio Visual Technology and Communication	Digital and Interactive Media	Graphic Design and Illustration	Audio Visual Production

## YOUR NEXT STEP.....

Check out the UT Dallas Emerging Media and Communication degree program at <http://emac.utdallas.edu/>. It's not your typical communications program.

Interested in a 2 year degree in Audio Recording and Filmmaking? Look at HCC's Northwest campus' program at <http://nwc2.hccs.edu/av/index.html>

If Broadcast Technology is your plan and a 2 year program is your goal, see what the HCC campus at Stafford has to offer at <http://southwest.hccs.edu/southwest/workforce/broadcast-technology>

## INTERESTED IN A CAREER IN BUSINESS, ACCOUNTING, or ECONOMICS?

Do you like math?	Are you good at organizing clubs, parties, or events?	Can you persuade people to accept your point of view?	Do you like selling things?	Are you good at paying attention to details?	Do you play computer games, chess or other board games?	Are you a leader in your sport, club or activities?	Do you like to be in charge of group projects?	Do you like working and earning your own money?	Do you read business articles or keep track of the stock market?
<b>If so, then Business, Accounting or Economics may be for you.</b>									

## IB DIPLOMA SAMPLE FOR STUDENTS SPECIALIZING IN ECONOMICS For entering 9<sup>th</sup> graders after 2009

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	IB English 3	IB English HL
<b>2</b>	Math (see pg. 10)	Math	Math PDP or IB/SL	IB Math SL or HL
<b>3</b>	Science (see pg. 10)	Science	Science PDP or IB/SL	IB Science SL or HL
<b>4</b>	World Geography	World History	PDP U.S. History	IB Group 4 History: Americas HL
<b>5</b>	Language other than English	Language other than English	Language other than English PDP or IB/SL	Language other than English IB SL or HL
<b>6</b>	PE or equivalent	Elective	IB Group 6 Economics SL	IB Group 6 Economics HL
<b>7</b>	Principles of Information Technology	PDP Computer Science	Theory of Knowledge	Government/Elective
<b>8</b>	Health/Speech	Fine Art	Elective	Elective

# IB DIPLOMA SAMPLE FOR BUSINESS MAGNET STUDENTS For entering 9<sup>th</sup> graders after 2009

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	IB English 3	IB English 4 HL
<b>2</b>	Math	Math	Math PDP or IB/SL	IB Math SL or HL
<b>3</b>	Science	Science	Science PDP or IB/SL	IB Science SL or HL
<b>4</b>	World Geography	World History	PDP U.S. History	IB Group 4 SL or HL
<b>5</b>	Language other than English	Language other than English	Language other than English PDP or IB/SL	Language other than English IB SL or HL
<b>6</b>	P.E. or equivalent	Elective	IB Group 6 PDP, SL	Elective Or IB Group 6 SL or HL
<b>7</b>	Health/ Speech	Fine Art	Theory of Knowledge	Government Economics
<b>8</b>	Magnet: Principles of Information Technology	Magnet: BIM or PDP Computer Science	Magnet Option (see pg. 9)	Magnet Option (see pg. 9)

4,6	IB Economics will meet Texas graduation requirements, IB requirements for Group 4 or 6, and Magnet Option
8	Magnet options for grade 11 and/or 12 may be courses that meet IB requirements, such as: IB Business SL and/or HL for Group 6 IB Economics SL and/or HL for Group 4 IB Computer Science SL and/or HL for Group 6

## MAGNET BUSINESS INTERNSHIP OPTION

### For entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	English 3	English 4
2	Math (see pg. 4)	Math	Math	Math
3	Science (see pg. 5)	Science	Science	Science
4	World Geography	World History	U.S. History	Government Economics
5	Language other than English	Language other than English	Elective	Practicum in Business Management
6	Health/ Speech	Fine Art	Elective	Practicum in Business Management
7	P.E. or equivalent	Elective	Elective	Practicum in Business Management
8	Magnet: Principles of Information Technology	Magnet: BIM or PDP Computer Science	Magnet Elective (see pg. 9)	Practicum in Business Management

Business Internship has a competitive selection process by application only. Internship is for local credit only and cannot be applied to credits needed for graduation.

Internship students leave campus for two periods in the morning or afternoon depending on their employer and individual scheduling needs.

**YOUR NEXT STEP.....** A top rated business school is right here in Houston and the Bauer College of Business at the University of Houston. Visit them at <http://www.bauer.uh.edu/>

Numerous 1 and 2 year programs in business are available at Texas' top state supported career university, Texas State Technical College. Go to <http://www.waco.tstc.edu/programs/>

For ***the world's best college and career planning guide***, go to [http://www.achievetexas.org/Cluster%20Guides/Biz\\_Mgmt\\_Admin.pdf](http://www.achievetexas.org/Cluster%20Guides/Biz_Mgmt_Admin.pdf) for business management

<http://www.achievetexas.org/Cluster%20Guides/Finance.pdf> for finance

[http://www.achievetexas.org/Cluster%20Guides/Mktg\\_Sales\\_Service.pdf](http://www.achievetexas.org/Cluster%20Guides/Mktg_Sales_Service.pdf) for marketing and sales

## GLOBAL ENERGY INSTITUTE SAMPLE PLANS

### Preparation for 2 year Petroleum Engineering Programs AT HCC ENERGY INSTITUTE ASSOCIATE DEGREE For entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	English 3	English 4
2	Algebra 1	Geometry	Algebra 2	Precalculus
	Geometry	Algebra 2	Precalculus	Calculus
3	Biology	Chemistry	Physics	Aquatic Science or Anatomy and Physiology
4	World Geography	World History	U.S. History	Government Economics
5	Language other than English	Language other than English	Elective	Elective
6	Principles of Information Technology	Computer Technology*	Elective*	Elective*
7	P.E. or equivalent	Health/ Speech	Elective	Elective
8	Fine Art or Elective	Elective	Elective	Elective

\*Magnet students select Magnet Computer Technology (BIM or PDP Computer Science) in grade 10 and a magnet elective from page 9 in grade 11 and 12.

**YOUR NEXT STEP.....** For more information on the Houston Community College Northeast Campus Energy Institute Program, go to:  
<http://northeast.hccs.edu/northeast/career-technical/energy-institute>

**PREPARATION FOR 1 YEAR PETROLEUM ENGINEERING  
INSTITUTE AT  
HCC ENERGY INSTITUTE  
CERTIFICATE PROGRAM  
For entering 9<sup>th</sup> graders after 2009**

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	English 3	English 4
<b>2</b>	Algebra 1	Geometry	Algebra 2	Precalculus or AMDM
<b>3</b>	Biology	Chemistry	Physics	Aquatic Science or Anatomy and Physiology
<b>4</b>	World Geography	World History	U.S. History	Government Economics
<b>5</b>	Language other than English	Language other than English	Elective	Elective
<b>6</b>	Principles of Information Technology	Computer Technology*	Elective*	Elective*
<b>7</b>	P.E. or equivalent	Fine Art	Elective	Elective
<b>8</b>	Health Speech	Elective	Elective	Elective

**\*Magnet students select Magnet Computer Technology (BIM or PDP Computer Science) in grade 10 and a magnet elective from page 9 in grade 11 and 12.**

**YOUR NEXT STEP.....** For more information on the Houston Community College Northeast Campus Energy Institute Program, go to:  
<http://northeast.hccs.edu/portal/site/northeast/menuitem.d3fb9940a6548be831b40910507401c/?vgnextoid=6c826cbc0f2e9110VgnVCM100000054710acRCRD&vgnnextfmt=default>

## MAGNET BUSINESS PROGRAM

### Prepare for a 4 year degree majoring in Petroleum Engineering for entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	Summer	10 <sup>th</sup> grade	Summer	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1		English 2		English 3	English 4
2	PDP Algebra 1	PDP Geometry	PDP Algebra 2		PDP Precalculus	AP Calculus
	PDP Biology		PDP Chemistry		PDP Physics	IB Physics SL
	PDP Algebra 1		PIB Geometry		PIB Algebra 2	PDP Precalculus
	PDP Biology		Recommended Chemistry		Aquatic Science or Anatomy	PDP Physics
	PDP Geometry		PDP Algebra 2		PDP Precalculus	AP Calculus
	PDP Biology		PDP Chemistry		PDP Physics	IB Physics SL
4	World Geography		World History		U.S. History	Government Economics
5	Language other than English		Language other than English		Elective	Elective
6	Health Speech		Fine Art		Elective	Elective
7	P.E. or equivalent		Elective		Elective	Elective
8	Principles of Information Technology		Magnet: BIM or PDP Computer Science		Magnet Elective (see pg. 9 )	Magnet Elective See pg. 9 )

**YOUR NEXT STEP.....**For information on Petroleum Engineering at the University of Houston, go to <http://www.uh.edu/academics/catalog/colleges/egr/majors/petroleum-engineering/index.php>

At Texas Tech, go to [http://www.depts.ttu.edu/officialpublications/catalog/ENGR\\_PE.php](http://www.depts.ttu.edu/officialpublications/catalog/ENGR_PE.php)

**IB DIPLOMA FOR MAGNET BUSINESS PROGRAM FOR A  
4 YEAR DEGREE MAJORING  
IN PETROLEUM ENGINEERING  
For entering 9<sup>th</sup> graders after 2009**

	9 <sup>th</sup> grade	Summer	10 <sup>th</sup> grade	Summer	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1		English 2		IB English 3	IB English 4 HL
2	PIB Algebra 1	PDP Geometry	PDP Algebra 2		PDP Precalculus	IB Math SL
	PDP Biology		PDP Chemistry		PDP Physics	IB Bio, Chem, Physics or Env. Sci. SL
3	PDP Geometry		PDP Algebra 2	PDP Precalculus	IB Math SL	IB Math HL
	PDP Biology		PDP Chemistry		PDP Physics or IB Bio, Chem or Env. Sci. SL	IB Physics, Bio, Chem or Env. Sci. SL or PDP Physics
4	World Geography		World History		U.S. History	Government/ Economics
5	PDP Language other than English		PDP Language other than English		PDP/IB Language other than English	IB Language other than English SL or HL
6	Health/ Speech		Fine Art		IB: Group 6 or Elective	Elective or IB: Group 6
7	P.E. or equivalent		Elective		Theory of Knowledge	Elective
8	Principles of Information Technology		Magnet: BIM or PDP Computer Science		Magnet: IB Business or Economics SL (Group 3)	Magnet: IB Business or Economics HL (Group 3)

PIB Chemistry requires completion of or concurrent enrollment in PIB Algebra 2

PIB Physics requires completion of or concurrent enrollment in PIB Precalculus

**YOUR NEXT STEP.....**For information and a sample college program in Petroleum Engineering at Texas A & M, go to... <http://www.pe.tamu.edu/>

## INTERESTED IN A CAREER IN HEALTH, LIFE SCIENCES OR NATURAL SCIENCES?

Do you like working with people?	Are you interested in insects, or animals?	Do you work well in a team?	Are you good at solving problems?	Do you stick with things until you finish them?	When you are working, do you pay close attention to detail?	Do you enjoy lab work in chemistry or biology?	Are you accurate and precise?	Have you done volunteer work or taken care of a sick pet?	Do you enjoy puzzles, brainteasers or games that involve strategy?
<b>If you answered 5 or more with "yes", then a career in Science may be for you.</b>									

### PREPARATION FOR 1 YEAR CERTIFICATE OR 2 YEAR ASSOCIATE DEGREE IN HEALTH CARE AT HCC COLEMAN COLLEGE For entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	English 3	HCC Dual Credit English 4
2	Math (see pg. 4)	Math	Math	Math
3	Science (see pg. 5)	Science	Science	Science: Anatomy and Physiology
4	World Geography	World History	U.S. History	Government Economics
5	Language other than English	Language other than English	Fine Art	HCC Dual Credit Psychology
6	Health Speech	Computer Technology	Elective	Elective
7	P.E. or equivalent	Elective	HCC online or summer school: Biology 1406	Elective
8	Principles of Information Technology	Elective	HCC online or summer school: Biology 2401	Elective

## YOUR NEXT STEP.....

For information on 1 or 2 year programs for health care careers, go to <http://coleman.hccs.edu/coleman/a-career-in-health-sciences>

## SAMPLE PLANS FOR A CAREER IN MARINE BIOLOGY, HEALTH CARE, OR SCIENCE For entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	English 3	English 4
2	Algebra 1	Geometry	Algebra 2	Precalculus
	Biology	Chemistry	Aquatic Science or Anatomy & Physiology	Physics
3	Algebra 1	Geometry	Algebra 2	AMDM
	Biology	Chemistry	Aquatic Science or Anatomy & Physiology	Physics
	Algebra 1 (grade 8) Geometry (grade 9)	PDP Algebra 2	PDP Precalculus	AP Calculus
	PDP Biology	PDP Chemistry	PDP Physics	IB Bio, Chem, Physics or Env. Sci SL
4	World Geography	World History	U.S. History	Government Economics
5	Language other than English	Language other than English	Fine Art	Elective
6	Health/ Speech	Computer Technology	Elective	Elective
7	P.E. or equivalent	Elective	Elective	Elective
8	Principles of Information Technology	Elective	Elective	Elective

For *the world's best college and career planning guide*, go to

[http://www.achievetexas.org/Cluster%20Guides/Science\\_Tech\\_Eng\\_Math.pdf](http://www.achievetexas.org/Cluster%20Guides/Science_Tech_Eng_Math.pdf)

[http://www.achievetexas.org/Cluster%20Guides/Health\\_Science.pdf](http://www.achievetexas.org/Cluster%20Guides/Health_Science.pdf) for health care science

[http://www.achievetexas.org/Cluster%20Guides/Human\\_Services.pdf](http://www.achievetexas.org/Cluster%20Guides/Human_Services.pdf) for human services

## IB DIPLOMA SAMPLE FOR STUDENTS SPECIALIZING IN SCIENCE For entering 9<sup>th</sup> graders after 2009

	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
<b>1</b>	English 1	English 2	IB English 3	IB English HL
<b>2</b>	PDP Math (see pg. 10)	PDP Math	Math PDP or IB/SL	IB Math SL or HL
<b>3</b>	PDP Science (see pg. 10)	PDP Science	Science PDP or IB/SL	IB Science SL or HL
<b>4</b>	World Geography	World History	PDP U.S. History	IB Group 4 SL or HL
<b>5</b>	PDP Language other than English	PDP Language other than English	Language other than English PDP or IB/SL	Language other than English IB SL or HL
<b>6</b>	Speech/Health	PDP Science or Elective	IB Group 6 Science PDP, SL	IB Group 6 Science SL or HL
<b>7</b>	PE or equivalent	Elective	Theory of Knowledge	Government/ Economics
<b>8</b>	Principles of Information Technology	BIM or PDP Computer Science	Fine Art	Elective

## YOUR NEXT STEP.....

For *the world's best college and career planning guide*, go to

[http://www.achievetexas.org/Cluster%20Guides/Science\\_Tech\\_Eng\\_Math.pdf](http://www.achievetexas.org/Cluster%20Guides/Science_Tech_Eng_Math.pdf)

[http://www.achievetexas.org/Cluster%20Guides/Health\\_Science.pdf](http://www.achievetexas.org/Cluster%20Guides/Health_Science.pdf) for health care science

[http://www.achievetexas.org/Cluster%20Guides/Human\\_Services.pdf](http://www.achievetexas.org/Cluster%20Guides/Human_Services.pdf) for human services

## INTERESTED IN A CAREER IN THE VISUAL OR PERFORMING ARTS?

Do you have an active imagination?	Do you like to visit art museums?	Do you prefer short stories to "how-to" books?	Is it important to you to express your feelings?	Do you play or would you like to play a musical instrument?	Do you like to draw?	Would you like to be in a school play?	Are you independent and creative?	Do you like to work with technical equipment?	Do you like making designs or decorating your room?
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If you answered 5 or more with "yes", then Visual or Performing Arts may be for you.

### IB DIPLOMA SAMPLE FOR STUDENTS SPECIALIZING IN FINE ARTS For entering 9<sup>th</sup> graders after 2009

	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
1	English 1	English 2	IB English 3	IB English HL
2	PDP Math (see pg. 10)	PDP Math	Math PDP or IB/SL	IB Math SL or HL
3	PDP Science (see pg. 10)	PDP Science	Science PDP or IB/SL	IB Science SL or HL
4	World Geography	World History	PDP U.S. History	IB Group 4 SL or HL
5	PDP Language other than English	PDP Language other than English	Language other than English PDP or IB/SL	Language other than English IB SL or HL
6	PE or equivalent	Elective	IB Group 6 Fine Art PDP or SL	IB Group 6 Fine Art SL or HL
7	Speech/Health	BIM or PDP Computer Science	Theory of Knowledge	Government/ Economics
8	Principles of Information Technology	Fine Art	Elective	Elective

**YOUR NEXT STEP**....The University of North Texas has quietly become a great school for fine arts. Go to <http://www.unt.edu/majors/uvisualart.htm> to see what you could learn at UNT.

For *the world's best college and career planning guide*, go to [http://www.achievetexas.org/Cluster%20Guides/Art\\_AVTech\\_Communications.pdf](http://www.achievetexas.org/Cluster%20Guides/Art_AVTech_Communications.pdf)

## Didn't find something you like? Try these areas .....

Do you enjoy school?	Do you have a favorite subject you are very interested in?	Are you a good public speaker?	Do you like to help people?	Do you enjoy team activities?	Are you involved in school or a community group?	Are you good with young children?	Are you optimistic, caring and confident?	Do you help friends with school work or studying?	Do you see yourself as a role model for other people?
<b>If you answered 5 or more with "yes", then a career in Teaching may be for you.</b>									

For the world's best college and career planning guide on careers in Education or Training, go to [http://www.achievetexas.org/Cluster%20Guides/Education\\_Training.pdf](http://www.achievetexas.org/Cluster%20Guides/Education_Training.pdf)

Do you have a flawless police record?	Do you pay attention to the news or current events?	Do you believe it is important to be honest?	Do you like to help people?	Do you enjoy team activities?	Does the idea of public service appeal to you?	Are you active in student council or would you like to be?	Are you involved in school or a community group?	Is job security important to you?	Have you done volunteer work?
<b>If you answered 5 or more with "yes", then a career in Government or Public Administration may be for you.</b>									

For the world's best college and career planning guide for careers in Government and Public Administration, go to [http://www.achievetexas.org/Cluster%20Guides/Gov\\_Public\\_Admin.pdf](http://www.achievetexas.org/Cluster%20Guides/Gov_Public_Admin.pdf)

Are you comfortable talking in front of groups of people?	Would you be interested in visiting a foreign country?	Do you value diversity?	Do you like working with people?	Do you work well as part of a team?	Can you juggle several tasks at the same time?	Do you consider yourself a "high energy" person?	Are you willing to work long hours, weekends or evenings?	Can you handle intense deadline pressure?	Can you put the needs of the customer before your own needs?
<b>If you answered 5 or more with "yes", then a career in Hospitality or Tourism may be for you.</b>									

For the world's best college and career planning guide for careers in Hospitality and Tourism, go to [http://www.achievetexas.org/Cluster%20Guides/Hospitality\\_Tourism.pdf](http://www.achievetexas.org/Cluster%20Guides/Hospitality_Tourism.pdf)

Do you do well in your English courses?	Do you have a clean police record?	Do you enjoy meeting and interacting with strangers?	Do you keep your cool in stressful or dangerous situations?	Do you watch TV shows like <i>CSI</i> or <i>Law and Order</i> ?	Does the idea of public service appeal to you?	Are you more comfortable being outdoors than indoors?	Do you enjoy using computers and high tech tools?	Are you good at taking orders, obeying rules, and following instructions?	Are you interested in homeland security?
<b>If you answered 5 or more with “yes”, then a career in Law, Public Safety, Corrections or Security may be for you.</b>									

For the world’s best college and career planning guide for careers in Law, Public Safety, Corrections and Security, go to [http://www.achievetexas.org/Cluster%20Guides/Law\\_Safety\\_Corr Security.pdf](http://www.achievetexas.org/Cluster%20Guides/Law_Safety_Corr Security.pdf)

Do you like to travel?	Do you enjoy solving word problems, puzzles or brain teasers?	Do you organize events at school, or church?	Are you good at operating tools and machinery?	Do you pay attention to details?	Do you think it would be cool to drive trucks or fly planes for a living?	Do you do well in your English, math and science classes?	Are you good at reading maps?	Do you have a perfectly clean driving record?	Are you more comfortable being outdoors than indoors?
<b>If you answered 5 or more with “yes”, then a career in Transportation, Distribution or Logistics may be for you.</b>									

For the world’s best college and career planning guide for careers in Transportation, Distribution and Logistics, go to [http://www.achievetexas.org/Cluster%20Guides/Trnsp\\_Dist\\_Logistics.pdf](http://www.achievetexas.org/Cluster%20Guides/Trnsp_Dist_Logistics.pdf)

	<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>1</b>				
<b>2</b>				
<b>3</b>				
<b>4</b>				
<b>5</b>				
<b>6</b>				
<b>7</b>				
<b>8</b>				