

November 7, 2012

# Course Selection for Sophomore Year

# College Information Software

## Naviance

Set up your account with your  
personal activation code

College Info/Match/Search  
College Application Management  
Career Inventories  
Resume Builder  
Scholarship Search

# Naviance Account Codes

Email [nalderet@houstonisd.org](mailto:nalderet@houstonisd.org)

“Naviance Code” in the subject area

Your student’s name and grade

Your access codes will be sent

# Graduation Requirements

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4 credits required in English, math,  
science and social studies

Students move into the next course in  
sequence and needed deficiencies  
are made up in Grad Lab.

# Graduation Requirements

- 2 credits of a Language
- 1 credit PE
- Health and Speech
- 1 credit Fine Art
- 1 credit Computer Technology
- 4 credits in Electives

TOTAL: 26 credits

# Schedule Timetable

October 30 - November 6	Students meet with advisor to select classes. Information goes home to you with your student.
November 12	Return changes to your Family Office
May	Course choices available for review and changes as needed
June-July	Schedule made based on requests and teacher availability
End July	Schedule mailed home
August	Limited changes made before school opens

# Course Sequence

Grade 9	Grade 10
English 1	English 2
Algebra 1 Algebra 2	Algebra 2 Geometry
Biology	Chemistry
World Geography	World History
Language 1 or 2	Language 2, 3

# Course Sequence

Grade 9	Grade 10
PE/Athletics/ROTC	Speech/Health
Principles of Business, Marketing, Finance	Business Information Management
Transfer/CTE elective 1, Fine Art, or Elective	Transfer/CTE elective 2, Elective or Fine Art



# Adding PDP Classes for Grade 10

## **Already successful in any PDP class?**

Your choice to add other PDP class(es)

Add to course selection sheet

## **Not in any PDP and want to be?**

Complete request form and return to  
your Family Office

# Four Year Planning

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Begin  
with the End in Mind

# Top 10% Rule

Students who graduate in the top 10% of their class are guaranteed admission into any state supported college in Texas except...

UT Austin currently takes top 7 – 9%

Bonus grade points for Advanced Academics  
help get students there

# Four Year Planning

9	10	11	12
English 1	English 2	English 3	English 4
World Geography	World History	U.S. History	Government/ Economics

# Four Year Planning – Math Options

9	10	11	12
Algebra 1	Algebra 2	Geometry	Precalculus or AQR
Alg 1 /MS Algebra 2	Geometry	Precalculus	SL Math (IB Diploma) or AP Calculus

# Science

9	10	11	12
Biology	Chemistry	Physics	4 <sup>th</sup> Science

4<sup>th</sup> science: Anatomy & Physiology  
Aquatic Science  
IB Biology, Chemistry, Environmental

# The rest...

9	10	11	12
Language 1/2	Language 2, Language 3 or <b>Elective</b>	Language 3/4 or <b>Elective</b>	Language 4/5 or <b>Elective</b>
PBM	BIM	<b>Elective</b>	<b>Elective</b>
PE	Health/Speech	<b>Elective</b>	<b>Elective</b>
Fine Art or <b>Elective or</b> Transfer elective	<b>Elective or</b> Fine Art or Transfer elective 2	<b>Elective or</b> Transfer Elective 3	<b>Elective or</b> Transfer Elective 4

# What to take??

Engineering?

Manufacturing?

Culinary Arts?

Horticulture?

Animal Science?

These Career and Technology programs  
are taken for 2 – 4 years



# What to take ??

Journalism?

Debate?

Computer Science ?

Athletics?

Another language?

# Fine Art Electives

- Music History and Literature
- Piano 1 and 2  
Experience? - Contact Ms. Kling
- Dance 1  
Tryouts in spring for specialty classes
- Theatre 1  
Experience? - Contact Ms. Shirl

# Fine Art Electives

- Choir - Intro men or women  
2 advanced levels; Contact Mr. Houston
- Orchestra – must be able to play  
3 levels - Contact Ms. Granata
- Band – must be able to play  
Jazz Band - Contact Mr. Chitmon
- Art 1  
PDP Art 2/SL&HL Art – Contact Ms. McIntyre

# Fine Art Electives

- PDP Music Theory – Prep for SL and HL Music
- IBDP Art History – SL testing course for juniors or seniors
- IB Film – 2 year program in grade 11 & 12  
May be limited to diploma candidates

# Grades 11 and/or 12

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Work Program ? (2-4 periods)

Marketing ?

Accounting ?

IB Diploma, IB Certificate or  
IB Career Certificate Programs

# IB Diploma Program

- Junior and senior year program
- Liberal Arts degree for high school
- Lamar's most rigorous academic program
- Best college prep available
- 24 college credit hours minimum for Texas public colleges with score of 4 of 7 to earn the IB diploma (a \$20,000 savings)

# IB Diploma Program

Be prepared for diploma classes junior year in:

English

Math

Science

Social Studies

Language Acquisition

Fine Art; Second science, social studies, or language

**Add more PDP classes in grade 10 to prepare**

# Science for IBDP

1. Biology
2. Chemistry
3. Physics
4. Another year of Biology, Chemistry or Physics or Environmental Science



# Math for IBDP

1. Algebra 1
2. Algebra 2
3. Geometry
4. Precalculus
5. Math SL (Calculus 1)   or   Math Studies  
(Statistics & Calculus)
6. Math HL (Calculus 2)

# Get More Math

9	10	11	12
Algebra 1	Algebra 2	Precalculus	SL Math (IB Diploma) or AP Calculus
Geometry in Summer School			
Algebra 2	Precalculus	SL Math	HL Math
Geometry in Summer School			
Algebra 1	Algebra 2	SL Math	HL Math
Geometry in Summer School	Precalculus in Summer School		

# Get More Science

9	10	11	12
Biology	Chemistry	SL Bio or Chem	HL Bio or Chem
			Physics
Biology	Chemistry	SL Physics	HLPhysics
Algebra 2	Physics		

Want to test in 2 sciences? See **Lamar Academic Pathways** on page 7

# Where do you want to be?

- Better writer?

- Consider Journalism, PDP English 2

- More science?

- Strong science students can double up
- Consider Computer Science PDP

- End with Calculus ?

- PDP Geometry, Precalculus in summer school

# What colleges want....

**A NACAC survey of members (64% private, 36% public) said these were very important factors influencing admission decisions:**

- 84% Grades in College Prep classes
- 54% Admission test scores (SAT, ACT, etc.)
- 42% Grades in other subjects
- 42% Other criteria specific to each institution
- 32% Class rank
- 18% Essay/writing sample

# What colleges want...

- Above all, they look for a strong record in difficult classes
- An improving transcript is better than one in decline
- Take more math, science & language classes
- Improve communication skills
- Get involved in outside activities

# What colleges want.....

## Texas A & M admission

- Through Precalculus

## Engineering

- As much Physics as possible

## UT Austin “Points Plus”

- Bonus points for having courses over the minimum in 2 of 3 subject areas (math, science, language)

# What colleges want....

## Selective colleges will ask...

- What will they add to our school community?
- What will they contribute to campus life?
- Will they academically stimulate our students & professors?
- Are they passionate about something?
- Are they involved in community service?



# What colleges want...

By seeing 4 years of course selections, admissions counselors can measure your passion for learning...

When possible, take math, language and science every year...and more if you can.

# What colleges want...

## **How do you spend your time?**

- A job is a viable & important life experience
- Do community service before senior year
- Show leadership in activities when possible
- Cultivate an interest

# Coming UP

## **PSAT Score Discussion**

December 19

6 pm Cafeteria

Thanks for coming