



**COURSE SELECTION
AND FOUR-YEAR PLANNING**
for the 2017-2018 school year

AGENDA & DEADLINE

Agenda

- Introductions
- General Information
- Course Selection
- Four-Year Plan

Deadline

February 3, 2017

- Course selection entered in Skyward
- Four-Year Plan complete, **signed**, and returned to the Counseling Office





GENERAL INFORMATION

a.k.a. stuff you need to know

FOUNDATION PLAN + MULTIDISCIPLINARY ENDORSEMENT WITH DISTINGUISHED LEVEL OF ACHIEVEMENT: CLASS OF 2018+

English	4 credits
Math	4 credits
Science	4 credits
Social Studies	4 credits
World Languages	2 credits
Physical Education	1 credit
Fine Arts	1 credit
Health	.5 credit
Electives	5.5 credits

TOTAL CREDITS **26 credits**



Multidisciplinary

- Four credits in core areas (to include English 4, Algebra 2, Chemistry, Physics)

AND

- Four “advanced” courses (designated with a ^ on your course number folder)

OR

- Four AP or dual credit courses (can be a combination of “advanced” courses and AP/dual credit)

Distinguished Level

- All this means is:
 - you have four credits in the four core areas
 - you earn an endorsement
 - (IPC taken in middle school does not count as one of your four science credits)
- Required to be eligible for top 10% automatic admission to Texas public colleges



REMINDERS

- GPA (Grade Point Average)
 - Weighted and on a 100-point scale
 - Honors/PreAP courses get a 1.1 multiplier
 - AP courses get a 1.2 multiplier
 - Semester grade is not weighted; weight is used solely in calculating the GPA, which appears at the bottom of the transcript
 - Only courses taken at Westlake from August to May count in the GPA.
 - This means credits earned in middle school, summer school, through correspondence (online) or by CBE, credit recovery or dual credit do not calculate in your GPA
- You are required to take at least 4 regular-level courses at Westlake (3 need to be completed by the end of your junior year)



REMINDERS

- Westlake is a non-ranking high school
 - We are required to rank the top 10% for automatic admission to Texas public colleges
 - UT is the exception (usually top 7% or 8%)
 - You will be notified if you have rank
- GPAs will be updated in Naviance a few weeks after the start of each semester for 11th and 12th
 - GPA is given for the first time in spring of 10th grade
- Some classes have participation fees
 - Athletics, Band, Color Guard/Winter Guard, Hyline, Cheerleading, Robotics 2+, Theater 2+, Choir 2+, Orchestra 2+, Speech and Debate Program



AP AND COLLEGE ADMISSION

- AP classes potentially build stronger critical thinking and writing skills.
- Enrollment in AP classes demonstrates your willingness to challenge yourself academically.
 - There is no magic number of AP classes that you “should” take.
 - Be authentic in your choices.
- MAY result in college credit
 - Texas public universities are required to award credit (for a 3 or higher)
 - Some schools may limit credits awarded or simply allow you to place out of introductory classes



REGULAR VS PRE-AP VS AP

Differences

- Pace of instruction
- Depth of study
- Volume of homework
 - Reading
 - Writing
- Level of teacher guidance
- Expectation for organization, maturity and self-direction

Balance is important

- Extracurricular activities
- Areas of strength and weakness
- Organizational skills
- Family, religious, and social commitments



DO WHAT IS RIGHT FOR YOU!

SUC·CESS

(sək-sēs') *n.*

1. The achievement
of something
desired.



Don't chase
someone else's
definition of
success.



2 TOOLS TO FIND BALANCE

Time Management Sheet


Hours of homework/week

SCHOOL WORK			
School (for most students, this will be 36.5 = 5 days x 7.5 hours)	Est. Min Time (hours)	Est. Max Time (hours)	Est. Avg. Hours/Week
ENGLISH			
SOCIAL STUDIES			
MATH			
SCIENCE			
LANGUAGE			
ELECTIVES			
TOTAL			

EXTRACURRICULARS			
	Est. Min Time (hours)	Est. Max Time (hours)	Est. Avg. Hours/Week
PAID JOB			
HOBBIES/INTERESTS			
COMMUNITY SERVICE			
SPORTS			
CLUBS			
MUSIC/ PERFORMANCES			
TOTAL			

DAILY LIVING ACTIVITIES	
	Est. Avg. Hours/Week
SLEEP	
NECESSITIES (Eating, Showering, Chores)	
FAMILY TIME	
FREE TIME (Friends, Phone, Social Media, Internet, Video Games, Reading, Etc...)	
COMMUTING & TRAVELING	
TOTAL	

American Academy of Pediatrics recommends 8-10 hours of sleep per night.



WEEKLY TOTAL	
SCHOOL WORK	
EXTRACURRICULARS	
DAILY LIVING ACTIVITIES	
YOUR TOTAL	



YOUR TOTAL HOURS = _____ **of 168 hours****

WORLD LANGUAGES		
Class	Est. Min Time	Est. Max Time
AP CHINESE 4	2 hours	2.5 hours
AP FRENCH 4	3 hours	6 hours
AP GERMAN 4	1 hour	6 hours
AP LATIN 4	1 hour	3 hours
AP SPAN LANG 4	3 hours	4 hours
AP SPAN LIT 5	3 hours	5 hours
CHINESE 1	1.5 hours	2 hours
CHINESE 2	1.5 hours	2 hour
CHINESE 3 PREAP	2 hour	2.5 hours
CLASSICAL MYTH	---	1 hour
FRENCH 1 FRENCH 2	2.5 hours	5 hours
FRENCH 3 PREAP	3 hours	6 hours





COURSE SELECTION

You need a **PEN** and the folder/paper you were given on your way into the Recital Hall

ENGLISH COURSE SEQUENCE

- English 1
- English 2
- English 3
- English 4
- English 1 PreAP
- English 2 PreAP
- English 3 AP
- English 4 AP

Write your selection on your Course Sheet

Course Number	Course Name
	[English]
	[Math]
	[Science]
	[Social Studies]
LU996	Lunch



MATH COURSE SEQUENCE 1

- Algebra 1
- Geometry
- Math Models or Algebra 2
- Algebra 2 or PreCalculus or Statistics

Write your selection on your Course Sheet

Course Number	Course Name
	[English]
	[Math]
	[Science]
	[Social Studies]
LU996	Lunch



MATH COURSE SEQUENCE 2

- Geometry PreAP
- Algebra 2 PreAP
- PreCalculus PreAP
- AP Calculus AB or AP Calculus BC

Write your selection on your Course Sheet

Course Number	Course Name
	[English]
	[Math]
	[Science]
	[Social Studies]
LU996	Lunch



MATH COURSE SEQUENCE 3

- Algebra 2 PreAP
- PreCalculus PreAP
- AP Calculus AB
- AP Statistics

Write your selection on your Course Sheet

Course Number	Course Name
	[English]
	[Math]
	[Science]
	[Social Studies]
LU996	Lunch



MATH COURSE SEQUENCE 4

- Algebra 2 PreAP
- PreCalculus PreAP
- AP Calculus BC
- Multivariable Calculus ($\frac{1}{2}$) & Linear Algebra ($\frac{1}{2}$)

Write your selection on your Course Sheet

Course Number	Course Name
	[English]
	[Math]
	[Science]
	[Social Studies]
LU996	Lunch

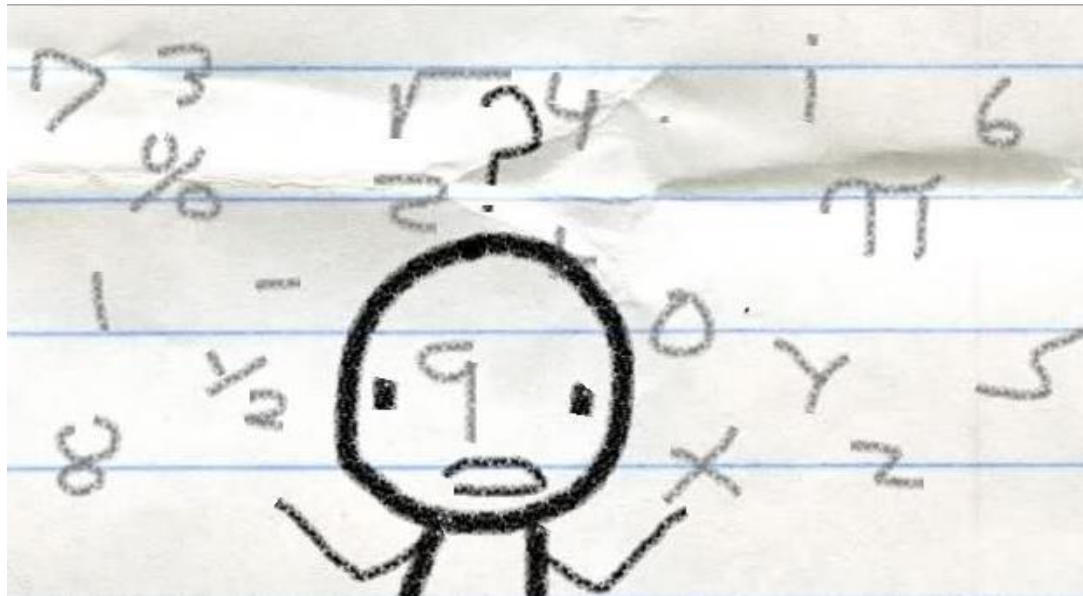


ACCELERATION IN MATH

- In short, we do not recommend you accelerate your math instruction in summer school or online through correspondence courses.
- Students who did not take Algebra 1 in 8th grade CAN co-enroll in Geometry & Algebra 2 if they successfully completed Algebra 1 PreAP
 - This means a high volume of math homework
 - We do not recommend taking both courses at the PreAP level
- Taking all your math courses at Westlake will best prepare you for any math you take in college



CONFUSED?




Your current math teacher can give you math placement suggestions.



SCIENCE COURSE SEQUENCE 1

- Biology
- Chemistry
 - Completion of ALG 1
- Physics
 - Concurrent enrollment or completion of ALG 2
- Biology PreAP
- Chemistry PreAP
 - Concurrent enrollment or completion of ALG 2
- AP Physics 1 & 2
 - Concurrent enrollment or completion of PCAL

4th Science Options

- **AP:** Bio 2, Chem 2, Environmental Science, Physics 1 & 2, Physics C, Organic Chemistry
 - **Honors/PreAP:** Anatomy & Physiology, Engineering, Robotics 3
 - **Regular:** Advanced Biotechnology, Astronomy, Earth & Space Science, Environmental Systems
- 

SCIENCE COURSE SEQUENCE 2

- Biology
- IPC (Integrated Physics & Chemistry)
- Chemistry
- Physics

Write your selection on your Course Sheet

Course Number	Course Name
	[English]
	[Math]
	[Science]
	[Social Studies]
LU996	Lunch



SOCIAL STUDIES COURSE SEQUENCE

- World Geography
- World History
- US History
- Gov't (1/2) & Econ (1/2)
- AP Human Geography
- AP World History
- AP U.S. History
- AP Macro or Micro (1/2)
- AP Gov't (1/2)

Write your selection on your Course Sheet

Course Number	Course Name
	[English]
	[Math]
	[Science]
	[Social Studies]
LU996	Lunch



WHAT ELSE?

Now enter enough classes to equal 3 credits ... some classes are ½ credit so you may need to fill in more than three spaces below. (Suggestions: language, fine arts, athletics or PE, health, or electives of interest)		
		½ credit or 1.0 credit
		½ credit or 1.0 credit
		½ credit or 1.0 credit
		½ credit or 1.0 credit
		½ credit or 1.0 credit
		½ credit or 1.0 credit
Now select two alternate courses, just in case one of the electives you have chosen ends up not being offered.		
		½ credit or 1.0 credit
		½ credit or 1.0 credit

- Select from graduation requirements or electives



WORLD LANGUAGES

- American Sign Language (ASL)* 1, 2, 3, 4
- Chinese 1, 2, 3, 4
- French 1, 2, 3, 4
- German 1, 2, 3, 4
- Latin 1, 2, 3, 4, 5
- Spanish 1, 2, 3, 4, 5

Level 3 is available as a PreAP course

Levels 4 and 5 are available as an AP course

* All ASL courses are taught at the regular-level



OTHER REQUIREMENTS

- **Health** (½ credit)
 - Can substitute Principles of Health Science (1 credit)
- **PE** (1 credit)
 - Foundations of Personal Fitness
 - Team & Individual Sports
 - Athletics
 - Marching Band
 - Color Guard
 - Dance for PE credit
 - PE waiver (application process; can only be done once)
- **Fine Arts** (1 credit) – performing or visual arts



ELECTIVES: SO MANY CHOICES!

a.k.a. The Fun Stuff

- Anything you take beyond a graduation requirement is an elective
 - Band 2, 3, 4
 - German 3, 4
 - Volleyball 2, 3, 4
- Use the course number folder and the course guide (online) to explore the vast array of options available

NEW COURSES

- Broadcast Journalism
 - *1 credit (9-12)*
- AP Capstone Research
 - *1 credit (11-12)*
- Stats 2: Beyond Statistics
 - *1 credit (11-12); 1.2 multiplier*
- Business ACCEratoredu
 - *1 credit (12); 1.1 multiplier*
- Name change: Science & Technology of Engineering is now “Engineering”

Health Science

Principles of Health Science
CERT: Disaster Response
Medical Terminology
Health Science Clinical
Practicum (Pharmacy)
Practicum (Phlebotomy)

Computer Science

Computer Science PreAP
Computer Science Principles AP
Computer Science AP
Computer Science Advanced
Independent Study in CompSci I
Independent Study in CompSci II

Engineering

Robotics 1, 2, 3
Electronics
3D CAD Engineering Design & Presentation
Engineering

Arts / Audio-Video

Digital Graphics & Animation 1
Digital Graphics & Animation 2
Video Game Design
Film Production
Advanced Film Production
Advanced Film Portfolio
Architecture & Interior Design
Fashion Design

Business, Finance

Principles of Business, Mkt, Finance
BIM: Business Information Mgmt
Virtual Business
Business Law
Advertising
Accounting

Hospitality & Human Services

Principles of Human Services
Food Prep & Nutrition
Child Development

English

Newspaper
Yearbook
Broadcast Journalism
Creative Writing
Literary Magazine
Photojournalism
Literary Genres: American West
AP Capstone: Seminar
AP Capstone: Research
Debate

Social Studies

Psychology
AP Psychology
Sociology
AP European History
AP Comparative Government
AP Microeconomics
Personal Financial Literacy
Peer Assist. for Students w/ Disabilities
History of Rock & Roll
Teen Teaching

Other

World Languages
Classical Mythology
Performing Arts
Fine Arts
AP Art History
Art Historical Methods 1
Art Historical Methods 2
AP Music Theory
Beginning Guitar

ELECTIVES FAIR

- Thursday, January 19
- During both lunches
- NGC Library
- Walk through to learn more about some electives and help you decide which ones are intriguing to you



HOW MANY CLASSES DO YOU NEED?

- **Sophomores** need 7 classes plus lunch
- **Juniors** need at least 6 classes plus lunch
 - May have one off period
 - 1st or 8th
 - 7th (if you have athletics 8th period)
- **Seniors** need at least 5 classes plus lunch
 - May have two off periods (not necessarily recommended)
 - 1st and 8th
 - 7th and 8th
 - 1st and 7th (if you have athletics 8th period)



EARNING CREDITS OUTSIDE OF WESTLAKE / OVER THE SUMMER

- Outside credits can come from:
 - Correspondence (online) through Texas Tech or UT
 - Summer School at Westlake
 - Dual credit at ACC
- Make a note on your course selection sheet if you are completing a required course elsewhere
 - Example: US History
- Math classes have prerequisites – you cannot register for a course if you haven't met them
 - Example: Algebra 2
 - You must complete the prerequisite, then the counselor will change your schedule



DUAL CREDIT AT ACC

- Take classes at Austin Community College to earn high school credit and college credit
- Eligible after completing 8th grade
- Visit our counseling website or see your counselor for more information



ALTERNATE COURSES

- Sometimes the course you want ends up not being offered
- Other times, one course you want (Soccer) is in conflict with another course (Electronics) that is only offered only once and only in the same period

Write your selection on your Course Sheet

Now select two alternate courses , just in case one of the electives you have chosen ends up not being offered.		
		½ credit or 1.0 credit
		½ credit or 1.0 credit



KEEP IN MIND ...

Making Changes

- You can change a course for the first 10 days of a semester if there's a seat
- You can drop a level after the first 4 weeks
- However, we build the master schedule based on your course requests, so there is no guarantee that we can honor your request for a change

Know the Prerequisites

AP STATISTICS MA262 (APSTATS)

Credit: 1

Grade: 10-12

Prerequisite: Algebra II

Note: Graphing Calculator required

AP Statistics covers topics included in a one-semester college course. This is a college level course which adheres to the syllabus of the College Board Advanced Placement program. This course is designed for students with a strong mathematical background. Topics student include: data collection, and analysis, probability and inference. The emphasis is on understanding the mathematics upon which statistical techniques are based. It prepares the college-bound student for possible advanced standing credit in statistics at the college level. The Advanced Placement Exam in statistics may be taken at the end of the course.





FOUR-YEAR PLAN

- You still need your **PEN**
- A 4-year plan is required by law and must be signed by a parent and returned to the Counseling Office

Credits earned in Middle School	9 th Grade [2016-2017]	10 th Grade [2017-2018]	11 th Grade [2018-2019]	12 th Grade [2019-2020]	Outside credits earned (summer, dual credit, CBE, correspondence)
	ENGLISH 1	ENGLISH 2	ENGLISH 3	ENGLISH 4	
	ALG 1, GEOM, ALG 2, PCAL	GEOM, ALG 2, PCAL, CALC	ALG 2, PCAL, CALC, OTHER	PCAL, STAT, CALC, OTHER	
	BIOLOGY	IPC or CHEMISTRY	CHEMISTRY or PHYSICS	PHYSICS or 4 th SCIENCE	
	GEOGRAPHY	WORLD HISTORY	US HISTORY	GOV'T / ECON	
<p>In the spaces below, place the remainder of your graduation requirements: Fine Arts (1 credit), Foreign Language (2 credits), PE (1 credit), Health (½ credit), electives (5.5 credits) which may satisfy an endorsement; all courses that go above graduation requirements are considered electives – i.e. 5th year of math, additional fine arts or athletics credits</p>					
My Endorsement(s): <input checked="" type="checkbox"/> Multidisciplinary <input type="checkbox"/> STEM <input type="checkbox"/> Business & Industry <input type="checkbox"/> Arts & Humanities <input type="checkbox"/> Public Services					My Post-Secondary Plan: <input type="checkbox"/> 4-year college <input type="checkbox"/> 2-year college <input type="checkbox"/> Technical school <input type="checkbox"/> Military <input type="checkbox"/> Work Force <input type="checkbox"/> Other

Automatic admission to a Texas public college or university is granted to students who are in the top 10% of their graduating class* and who complete the distinguished level of achievement (4 years of study in core areas, including Algebra 2), plus an endorsement.

*except for UT

Select at least one Career Cluster below to provide direction for your course of study. See the Course Guide online for a complete list of courses, including those that are articulated for college credit.

- Arts, A/V Technology, Communications
- Business, Management Administration & Marketing; Finance
- STEM: Science, Technology, Engineering, Math
- Information Technology
- Education & Training
- Health Science
- Human Services
- Other

Student Signature _____ Date _____

Parent Signature (required) _____ Date _____

Counselor Signature _____ Date _____

PUT A ✓ IN THESE AREAS

In the spaces below, place the remainder of your graduation requirements: Fine Arts (1 credit), Foreign Language (2 credits), PE (1 credit), Health (½ credit), electives (5.5 credits) which may satisfy an endorsement; all courses that go above graduation requirements are considered electives – i.e. 5th year of math, additional fine arts or athletics credits

My Endorsement(s):

- Multidisciplinary
- STEM
- Business & Industry
- Arts & Humanities
- Public Services

My Post-Secondary Plan:

- 4-year college
- 2-year college
- Technical school
- Military
- Work Force
- Other

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- Business, Management Administration & Marketing; Finance
- STEM: Science, Technology, Engineering, Math
- Information Technology
- Education & Training
- Health Science
- Human Services
- Other

Student Signature Date

Parent Signature (required) Date

Counselor Signature Date



WHAT HAVE YOU TAKEN?

WHAT ARE YOU TAKING NOW?

WHAT YOU WILL TAKE NEXT YEAR?

Credits earned in Middle School	9 th Grade [2016-2017]	10 th Grade [2017-2018]	11 th Grade [2018-2019]	12 th Grade [2019-2020]	Outside credits earned (summer, dual credit, CBE, correspondence)
	ENGLISH 1	ENGLISH 2	ENGLISH 3	ENGLISH 4	
	ALG 1, GEOM, ALG 2, PCAL	GEOM, ALG 2, PCAL, CALC	ALG 2, PCAL, CALC, OTHER	PCAL, STAT, CALC, OTHER	
	BIOLOGY	IPC or CHEMISTRY	CHEMISTRY or PHYSICS	PHYSICS or 4 th SCIENCE	
	GEOGRAPHY	WORLD HISTORY	US HISTORY	GOV'T / ECON	
<p>In the spaces below, place the remainder of your graduation requirements: Fine Arts (1 credit), Foreign Language (2 credits), PE (1 credit), Health (½ credit), electives (5.5 credits) which may satisfy an endorsement; all courses that go above graduation requirements are considered electives – i.e. 5th year of math, additional fine arts or athletics credits</p>					
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The shaded box should match what you have on the other side of this paper since it's what you will take next year. ALL BOXES FOR 9th-12th GRADES NEED TO BE FILLED OUT!!

SIGNATURES

Student Signature	Date
Parent Signature (required)	Date
Counselor Signature	Date

Return to the Counseling Office by February 3, 2017.

