

## CAT Grades 10-12 Course Request Guide

Students and Parents: This Course Request Guide is for planning purposes. Students will submit an official, digital course request form during counselor seminars in February.

Pinellas Advanced Scholar (Advanced Scholar Pathway)

Scholar (Advanced Pathway)

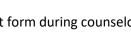
Core Course Options (Select 1 of each)							
English	Mathematics	Science	Social Studies				
10 <sup>th</sup> Grade	10 <sup>th</sup> Grade	10 <sup>th</sup> Grade	10 <sup>th</sup> Grade				
Students will be placed in Pre-AP English 2	Students will be placed in Algebra 1,	Pre-AP Biology, if not complete	AP World History*				
or AP English Language & Composition*.	Geometry, Algebra 2, and AP Pre-	Pre-AP Chemistry	World History Honors				
11 <sup>th</sup> Grade	Calculus* in that order.		Pers Finance & Money Mngmt				
AP English Language & Composition*	11 <sup>th</sup> Grade/12 <sup>th</sup> Grade	11 <sup>th</sup> Grade/12 <sup>th</sup> Grade	11 <sup>th</sup> Grade				
AP English Literature & Composition*	Pre-AP Geometry (must select if not	Pre-AP Biology, if not complete	AP US History*				
AICE General Paper*	yet completed)	Pre-AP Chemistry	US History Honors				
	Algebra 2 Honors	Physics Honors	✓ Pers Finance & Money Mngmt (.5)				
12 <sup>th</sup> Grade	AP Pre-Calculus*	AP Biology*					
AP English Literature & Composition*	AP Calculus AB*	AP Chemistry*	12 <sup>th</sup> Grade				
English 4 Honors	□ AP Calculus BC*	□ AP Physics*	AP US Government*				
	□ AP Statistics*	AP Environmental Science*	AP Microeconomics/AP Macro*				
*Students who score Level 1 or 2.1 on FAST	Probability & Statistics Honors		US Government Honors (.5)				
ELA PM3 will be placed in Intensive Reading in	Math for Data and Financial Literacy		Economics (.5)				
addition to English.	Math for College Liberal Arts						
Graduation Requirement: 4 English	Graduation Requirement: 4 Math	Graduation Requirement: 3 Science	Graduation Requirement: World History,				
Credits	Credits including Alg 1 and Geometry	Credits including Biology	US History, Economics, Gov't, Pers Finance &				
			Money Mgmt (9 <sup>th</sup> -11 <sup>th</sup> )				

Student Name:

Select the high school diploma designation pathway you are pursuing:



10 11



Current Grade Level: 9

Lakewood High School 1400 54th Ave South





	-		(Select a Pathway and tv ay electives may be selec		•	
All 10 <sup>th</sup> gr	rade students will be	autom	atically enrolled in AP Semina	r or Intensive	Reading (bas	ed on FAST ELA).
	All 11 <sup>th</sup> Grade stude	nts who	o pass AP Seminar will be auto	matically enro	olled in AP Re	search.
<ul> <li>Pathway 1: Artificial Intelligence</li> <li>AI in the World/Applications of AI</li> <li>Procedural Programming</li> <li>Foundations of Machine Learning</li> <li>AI Capstone</li> </ul>		<ul> <li>Pathway 2: Content Creation</li> <li>Digital Media Fundamentals</li> <li>Digital Media Production Systems</li> <li>Digital Media Delivery Systems</li> <li>Advanced Digital Media Systems</li> </ul>		<ul> <li>Pathway 3: Robotics</li> <li>Foundations of Robotics</li> <li>Robotics Design Essentials</li> <li>Robotic Systems</li> <li>Robotics Applications</li> </ul>		
			Additional Electives	;		
Programming		Technology			Leadership/Other	
<ul> <li> AP Computer Science A* (Must have taken Foundations of Programming.)</li> <li> AP Computer Science Principles*</li> </ul>		<ul> <li> Network Administrator - Dell Student Tech Crew*</li> <li>(Pinellas Technical College, Min. 2.5 GPA required)</li> <li> Unmanned Aircraft Systems Operations – Drones*</li> <li>(11<sup>th</sup> and 12<sup>th</sup> grade only and minimum 2.5 GPA required)</li> </ul>		Leadership (Must be active in FBLA) CATCOM/Advanced Digital Media Systems (12 <sup>th</sup> only)		
Visual Arts	Performing A	rts	World Languages	Physical B	Education	Other
<ul> <li>2D Studio Art 1, 2</li> <li>Digital Art Imaging 1, 2</li> <li>AP 2D Art &amp; Design*</li> <li>Portfolio Development 2D</li> <li>Art &amp; Design Honors</li> <li>3D Studio Art 1, 2</li> <li>AP 3D Art &amp; Design*</li> <li>Portfolio Development 3D</li> <li>Art &amp; Design Honors</li> </ul>	Guitar Keyboarding Band Instrumental Techniques AP Music Theory*		<ul> <li>Spanish 1, 2</li> <li>Spanish Honors 3, 4, 5</li> <li>AP Spanish Language &amp;</li> <li>Culture*</li> <li>*2 years of same language required for Bright Futures and college admission.</li> </ul>	<ul> <li>H.O.P.E.</li> <li>Team Sports</li> <li>Basketball</li> <li>Weight Training</li> </ul> Graduation Requirement: H.O.P.E.		AP Psychology* AP Human Geography* File College Experience* (.5) SPC DE Off Campus* (.5) PTC DE Off Campus* (.5) Workplace Essentials (Office Aide, .5) African American History (.5) Psychology/Sociology Creative Writing 1, 2 (.5 each) Driver's Ed