

Tesla Academic and Career Plan



Student: _____

Graduation Year: _____

Initial review: _____

ID #: _____

Counselor: _____

Sophomore review: _____

Junior review: _____

Freshman Year (9th Grade)		
<i>"Explore your world"/Understand Our Environment</i>		
Course #	Course Name	Credits
7120	Civil Engineering & Architecture	1
9100T	Algebra (or appropriate level math)	1
4000T	Physical Science	1
1000T	English Language Arts 9	1
3000	Civics	1
0010	Freshman Physical Education	0.5
4990	Health	0.5
	Lunch	0
	Total Credits	
	Class hours/day + lunch	

Sophomore Year (10th Grade)		
<i>"Focus your learning"/Design Fundamentals</i>		
Course #	Course Name	Credits
7160	Introduction to Engineering Design	1
7140	Computer Integrated Manufacturing	1
9200T	Geometry (or appropriate level)	1
1020T	English Language Arts 10	1
4110	Biology	1
3170/50	World History or AP World History	1
8540	Fine Arts - Industrial Design I	0.5
	Health and Human Performance -	0.5
	Lunch	0
	Total Credits	
	Class hours/day + lunch	

Junior Year (11th Grade)		
<i>"Design your future"/Technical Systems/Careers</i>		
Course #	Course Name	Credits
7720	Digital Electronics	1
7180	Principles of Engineering	1
9260T	Advanced Algebra (or appropriate level)	1
4550T	Physics	1
3070/50	US History or AP US History	1
8560	Fine Arts - Industrial Design II	0.5
	Health and Human Performance -	0.5
	English Language Arts -	1
	Lunch	0
	Total Credits	
	Class hours/day + lunch	

Senior Year (12th Grade)		
<i>"Create a better tomorrow"/Improve Our World</i>		
Course #	Course Name	Credits
7190	Engineering Design & Development	1
9400T	PreCalculus (or appropriate level)	1
6300/3450	PFM or Introduction to Economics	0.5
4200	Chemistry	1
	English Language Arts -	1
	Lunch	0
	Total Credits	
	Class hours/day + lunch	

Courses provided by Tesla staff					
Minimum requirements for Appleton Area School District graduation					
Minimum requirements for Tesla graduation					
		Frosh.	Soph.	Jun.	Sen.
Communication Arts	4 cr.				
Science	4 cr.				
Mathematics	4 cr.				
Social Studies	3 cr.				
Health & Human Performance	1.5 cr.				
Health	.5 cr.				
Fine Arts-Industrial Design I*	.5 cr.				
Fine Arts-Industrial Design II*	.5 cr.				
PFM or Economics	.5 cr.				
Civil Engineering & Architecture	1 cr.				
Intro. to Engineering Design	1 cr.				
Comp. Integrated Manufacturing	1 cr.				
Principles of Engineering	1 cr.				
Digital Electronics	1 cr.				
Engineering Design & Development	1 cr.				
Engineering Experience					

* Industrial Design I & II are offered to satisfy the fine arts graduation requirement for Tesla students. Students can also satisfy the fine arts requirement through music classes and other art offerings. Check the AASD course catalog for details.

AASD credits required for graduation = 23
 Tesla/AASD credits required for graduation = 24.5

Career Cluster: STEM
Specific Career Goal: Freshman: _____
 Sophomore: _____
 Junior: _____
 Senior: _____

Post Secondary Interest: 1st choice _____
 2nd choice _____
 3rd choice _____

GPA: Freshman: _____
 Sophomore: _____
 Junior: _____
 Senior: _____
 Overall: _____

PSAT: _____
SAT: _____

ACT: _____
