

## Graduation Checklist for the Cardiovascular Technology Program – Houston STEM & Career Academy

Student Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

### Graduation Requirements

SUBJECT	COURSE	UNITS REQ.	✓
English (4 Units)	English 9A	.5	9 <sup>th</sup>
	English 9B	.5	9 <sup>th</sup>
	English 10A	.5	10 <sup>th</sup>
	English 10B *	.5	10 <sup>th</sup>
	DE ENGL 1101	.5	11 <sup>th</sup>
	DE ENGL 1101	.5	11 <sup>th</sup>
	DE ENGL 1102	.5	11 <sup>th</sup>
	DE ENGL 1102	.5	11 <sup>th</sup>
Math (4 Units)	Algebra 1A	.5	9 <sup>th</sup>
	Algebra 1B*	.5	9 <sup>th</sup>
	Geometry A	.5	10 <sup>th</sup>
	Geometry B	.5	10 <sup>th</sup>
	Algebra 2/Adv Algebra A	.5	11 <sup>th</sup>
	Algebra 2/Adv Algebra B	.5	11 <sup>th</sup>
	4 <sup>th</sup> Math A: DE MATH 1111	.5	SUM
	4 <sup>th</sup> Math B: DE MATH 1111	.5	SUM
Social Studies (3 Units)	American Govt.	.5	9 <sup>th</sup>
	World History A	.5	10 <sup>th</sup>
	World History B	.5	10 <sup>th</sup>
	DE US History	.5	11 <sup>th</sup>
	DE ECON 1101	.5	11 <sup>th</sup>
Science (4 Units)	Physical Science A/Physics A	.5	9 <sup>th</sup>
	Physical Science B/Physics B	.5	9 <sup>th</sup>
	Biology A	.5	10 <sup>th</sup>
	Biology B *	.5	10 <sup>th</sup>
	Environmental Sci A/Chemistry A	.5	11 <sup>th</sup>
	Environmental Sci B/Chemistry B	.5	11 <sup>th</sup>
	4 <sup>th</sup> Sci A: DE BIOL 2113/LAB	.5	11 <sup>th</sup>
4 <sup>th</sup> Sci B: DE BIOL 2113/LAB	.5	11 <sup>th</sup>	

SUBJECT	COURSE	UNITS REQ.	✓
Phys. Ed. (1 Unit)	Personal Fitness	.5	9 <sup>th</sup>
	Health	.5	9 <sup>th</sup>
For. Lang/ Fine Arts/ CTAE (3 units)	10 <sup>th</sup> Elect A	.5	10 <sup>th</sup>
	10 <sup>th</sup> Elect B	.5	10 <sup>th</sup>
	Spanish 1 A	.5	10 <sup>th</sup>
	Spanish 1 B	.5	10 <sup>th</sup>
	DE SPAN 1101 (Count as Sp. 2)	.5	11 <sup>th</sup>
	DE SPAN 1101 (Count as Sp. 2)	.5	11 <sup>th</sup>
	Electives (5 Units)	World Geog.	.5
9 <sup>th</sup> Elect A		.5	9 <sup>th</sup>
9 <sup>th</sup> Elect B		.5	9 <sup>th</sup>
9 <sup>th</sup> Elect A		.5	9 <sup>th</sup>
9 <sup>th</sup> Elect B		.5	9 <sup>th</sup>
10 <sup>th</sup> Elect A		.5	10 <sup>th</sup>
10 <sup>th</sup> Elect B		.5	10 <sup>th</sup>
11 <sup>th</sup> Elect A		.5	11 <sup>th</sup>
11 <sup>th</sup> Elect B		.5	11 <sup>th</sup>
DE ECON		.5	11 <sup>th</sup>
Other Electives	DE PSYC 1101	1	11 <sup>th</sup>
	DE BIOL 2114/L	1.5	11 <sup>th</sup>
<b>TOTAL UNITS:</b>		<b>26.5</b>	

### Graduation Plan

1 <sup>st</sup> Semester - JR. YEAR	2 <sup>nd</sup> Semester – JR. Year
DE ENGL 1101	DE ENGL 1102
Advanced Algebra A	Advanced Algebra B
DE BIOL 2113 & 2113L	DE BIOL 2114 & 2114L
Enviro or Chem Sci A	Enviro or Chem Sci B
DE ECON	DE US HIST
DE SPAN 1101	DE PSYCH
11 <sup>th</sup> Elective A	11 <sup>th</sup> Elective B

1 <sup>st</sup> Semester - Summer	
DE MATH 1111 or MATH 1103	


**Notes:**

- Will have met all traditional high school requirements by the summer after junior year – will need to graduate by the end of summer after Junior year to tap into HOPE funding for remaining courses – will have used 29 DE funding hrs
- Will require 12<sup>th</sup> & 13<sup>th</sup> year at STEM Academy (non-high school student) – MATH 1127, PHYS 1110/Lab, CAVT 1100, CAVT 1030, CAVT 1090, CAVT 1002, CAVT 1020, CAVT 1021, CAVT 1080, CAVT 2020, CAVT 2030, CAVT 2050, CAVT 2070