**T-STEM B.A.S.E. Class of 2023**

| **Freshman Year Sophomore Year** |
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| English I Honors English II Honors World Geography Honors World History AP Algebra I Honors /Geometry Honors Biology I Geometry Honors /Algebra II Honors Chemistry Honors /Chemistry Honors Computer Science 1 Honors Computer Science Principles AP STEM Class Intro to Applied Engineering Design Presentation I OR Principles Health Science Computer Science Principles of BioSciences Robotics II Robotics I STEM Class PE/LOTE/Fine Arts PE/LOTE/Fine Arts Elective Elective (2-3) |
| Possible College Credit Hours – 3 Hours Possible College Credit Hours - 3 |
| **Junior Year Senior Year** |
| English III AP (one term)/DC (full year) US English IV AP (one term)/ DC (full year) History AP (one term)/DC (full year) Government AP/DC AND Economics AP/DC Upper level math Upper level math Upper level science Upper level science Engineering Design Presentation Class/Computer Engineering Problem Solving Class/ Science Class Computer Science Class/Practicum in STEM Robotics Robotics Electives (2-4) Electives (1-3) Possible College Credit Hours – 12-18 Hours Possible College Credit Hours – 6 - 18 |

| Engineering Class Options:  | Upper Level Math Options: Upper Level Science Options: |
| --- | --- |
| Civil Engineering and Architecture Engineering Design and Problem Solving (senior year) Practicum in STEM/Engineering | DC College Algebra 1414 Anatomy and Physiology AP Precalculus Honors Chemistry AP Environmental Science AP Biology Calculus AB DC Statistics Forensic Science Statistics AP Med Microbiology/ Pathophysiology Biotechnology I , II |
| Other Advanced Electives Options: |

DC Economics

DC Texas Government

AP European History

AP Human Geography

AP Spanish 4 and Spanish

**DC = Dual Credit AP = Advanced Placement**

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