

# Athens Drive STEM Energy and Sustainability Academy - Pathways

<p><b>STEM Cohorted Classes</b></p> <p>Cohorted classes are classes that all students within the STEM Academy are required to take as STEM sections</p>	<b>Freshmen</b>	English 1, Biology, World History
	<b>Sophomores</b>	English 2, Chemistry
	<b>Juniors</b>	English 3
	<b>Seniors</b>	English 4, STEM Capstone
<p><b>STEM Academy Pathways</b></p> <p>Students must pass four classes within a Pathway to complete it by graduation.</p> <p>Technology and Engineering Pathways will involve CTE state testing (per NCDPI) before graduation.</p>	<b>Science</b>	AP options: AP Physics 1, AP Chemistry (2 credits), AP Biology (2 Credits) Other options: Forensics, Astronomy, Anatomy and Physiology
	<b>Technology #1: A/V Arts<sup>1</sup></b>	Option 1: Graphic Communications 1/2/3 (Honors Level 2 & 3) <i>NOTE: This course title is being changed to Adobe Digital Design/Digital File Prep/Print Advertising and Design but are equivalent to Graphic Communications for our purposes</i> Option 2: Yearbook 1/2/3 (Honors Level 2 & 3) 1 CTE Enhancement: Personal Finance, Principles of Business, MS Excel and Access, Marketing, T&I Advanced Studies
	<b>Technology #2 Programming<sup>1</sup></b>	Python Programming, AP Computer Science Principles, SAS Programming, AP Computer Science 1 CTE Enhancement may replace one of the above classes: Personal Finance, Principles of Business, MS Excel and Access
	<b>Engineering Drafting</b>	Drafting 1, Drafting 2 Engineering, Drafting 3 Engineering (Honors Level 2 & 3) 1 CTE Enhancement: Personal Finance, Principles of Business, MS Excel and Access, T&I Advanced Studies
	<b>Math</b>	Pre-Calculus, AP Statistics, AP Calculus AB, AP Calculus BC

*\*All students MUST meet graduation requirements per WCPSS and the Athens Drive Student Services Department\**

*\*Some classes in STEM Pathways may be available as STEM only sections and will be scheduled as is possible given student's schedule requirements\**

<sup>1</sup>*In this pathway, students must complete 4 courses, 1 of which must be an upper level*