

# Anne Arundel County Public Schools

science • technology • engineering • mathematics



STEM Pathway <small>(Beginning with STEM graduating class of 2018)</small>	Levels <small>(Years)</small>	North County High School Required Pathway Courses
<b>Engineering</b>	I	AP Computer Science <b>OR</b> AP Physics I*
	II	CATN Engineering Explorations (CAD/Elec/PrsMachine/NRM) (1/2 credit)
	III	CATN Level II (CAD/Elec/PrsMachine/NRM) (4 credit)
<b>Earth and Space Systems</b>	I	AP Environmental Science
	II	Earth & Space Missions
	III	Research and Data Analysis
<b>Green Technologies</b>	I	AP Environmental Science
	II	Environment & Society
	III	Research and Data Analysis
<b>Nanotechnology &amp; Materials Science</b>	I	AP Computer Science <b>OR</b> Physics 1*
	II	Materials Science <b>AND</b> Nanotechnology Explorations
	III	Research and Data Analysis
<b>Computer Science &amp; Applied Mathematics</b>	I	AP Computer Science
	II	Mathematical & Scientific Modeling <b>AND</b> Parallel Computing
	III	Cyber Security <b>OR</b> Research and Data Analysis

\*AP Physics 1 will be optional for students who meet the academic qualifications

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