

# ACADEMY OF INFORMATION TECHNOLOGY & ROBOTICS

Spruce Creek High School

## 4-Year Plan

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>English</b>	English 1 or English 1 Honors	English 2 or English 2 Honors	English 3 or English 3 Honors	English 4 or English 4 Honors
<b>Math</b>	Algebra 1 or Geometry or Algebra 1 Honors or Geometry Honors	Algebra 2 or Geometry or Algebra 2 Honors or Geometry Honors	Algebra 2 or Algebra 2 Honors or Analysis of Functions or Pre-Calculus	Analysis of Functions or Pre-Calculus or Calculus
<b>Social Studies</b>	Intro to Social Science	World History or World History Honors	US History or US History Honors	Economics/Govt. or Economics/Govt. Honors
<b>Science</b>	Environmental Science	Biology or Biology Honors	Physical Science or Physical Science Honors	Physics or Physics Honors
<b>Language</b>	Offered through FLVS	Offered through FLVS	Offered through FLVS	Offered through FLVS
<b>Phys. Ed</b>			Outdoor Ed. Personal Fitness	
<b>Technology</b>	<b>Digital Info Tech</b>  <u>Hardware Track:</u> CSIT Foundations  <u>Software Track:</u> Foundations of Programming  <u>Game/Simulation Track:</u> Game & Simulation Foundations  <u>Robotics Track:</u> Foundations of Robotics	<b>IT Systems &amp; Applications</b>  <u>Hardware Track:</u> CSIT Sys Essentials  <u>Software Track:</u> Procedural Programming  <u>Game/Simulation Track:</u> Game & Simulation Design  <u>Robotics Track:</u> Robotics Design Essentials	  <u>Hardware Track:</u> CSIT Network Systems  <u>Software Track:</u> Object-Oriented Programming  <u>Game/Simulation Track:</u> Game & Simulation Programming  <u>Robotics Track:</u> Robotics Systems	<b>Multimedia Technology</b>  <u>Hardware Track:</u> CSIT Cyber Security  <u>Software Track:</u> .NET Application Development Foundation  <u>Game/Simulation Track:</u> Game/Simulation Advanced Applications  <u>Robotics Track:</u> Robotics Applications
<b>Research</b>		<b>Research 1</b>	<b>Research 2</b>	<b>Research 3</b>
<b>Internship</b>			<b>Executive Intern I**</b>	<b>Executive Intern 2**</b>

\* This is a recommendation only. Schedules will be designed to meet the needs of each individual student.

\*\* If qualified

\*\*\*Each student is expected to fundraise or pay \$200.00 yearly to support the program.

Revised 10/28/2019