

Information Technology: Programming Career Plan of Study



Campus Location: Copper Canyon, LaJoya, Tolleson, Westview

Academy Location: None

Reinforced Academics: English, Math, Science, Computer Technology

Student Organizations: Future Business Leaders of America (FBLA)

Certification Opportunities:

College Credit: Available

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
High School	REQUIRED for Graduation <ul style="list-style-type: none"> • English • Integrated Algebra or Geometry • Integrated Earth Science or Biology • Word Processing • Wellness or ROTC 	REQUIRED for Graduation <ul style="list-style-type: none"> • English • Integrated Geometry or Algebra II • Biology or Chemistry • World History/Geography 	REQUIRED for Graduation <ul style="list-style-type: none"> • English • U.S./AZ History/Geography 	REQUIRED for Graduation <ul style="list-style-type: none"> • English • U.S./AZ Government
	Recommended ELECTIVES: <ul style="list-style-type: none"> • Career Exploration 	Recommended ELECTIVES <ul style="list-style-type: none"> • Info.Tech. Fundamentals 	Recommended ELECTIVES: <ul style="list-style-type: none"> • Programming 	Recommended ELECTIVES: <ul style="list-style-type: none"> • Adv. Programming/AP Programming • Internship
	<i>Req. Courses for College Prep:</i> <ul style="list-style-type: none"> • None 	<i>Req. Courses for College Prep:</i> <ul style="list-style-type: none"> • Foreign Language 	<i>Req. Courses for College Prep:</i> <ul style="list-style-type: none"> • Foreign Language • Chemistry/Physics • Integrated Algebra II 	<i>Req. Courses for College Prep:</i> <ul style="list-style-type: none"> • Analysis/Calculus/College Algebra • Fine Arts
Job Opportunities	Options with High School Diploma		Options with Trade School or Community College Degree	
	Entry Level Programmer		Junior Programmer	
				Options with University or College Degree
				Computer Programmer Software Engineer