



Career Cluster: Information Technology

Career Cluster Pathway: Information Technology Systems, Services



& Support

Program of Study: An Educational Planning Guide for High School and Beyond

	Grade	English	Math	Science	Social Studies	Fitness/Health and Visual or Performing Arts	Recommended Career and Technical Education (CTE) Courses and Other Electives	Graduation Requirements	SAMPLE Occupations Related to this Pathway
Secondary Options	9	English 9 (1 credit)	Algebra (1 credit)	Science (1 credit)		Health/Fitness (1 credit) Fine Art (1 credit)	Elective class (1 credit)	<u>H.S. Credit Requirements (24 credits total):</u> 4.0 credits – English 3.0 credits – Social Studies 3.0 credits – Math 2.0 credits – Science 2.0 credits – Health and Fitness 1.0 credits – Visual or Performing Arts 1.0 credits – Occupational Education 8 credits – Occupational Education or Electives <u>Additional Skills Center opportunities:</u> <ul style="list-style-type: none"> Possible college articulated credits each year at the Skills Center Discounted CompTIA A+ certification Vouchers Possible Industry Certificate at end of course 	Occupations requiring less than a Baccalaureate Degree <ul style="list-style-type: none"> ▶ Technical Support Specialist ▶ Computer Support Specialist ▶ Help Desk Analyst ▶ Computer Technician ▶ IT Specialist ▶ Network Specialist ▶ Network Technician ▶ Network and Computer Systems Administrators ▶ Data Center Technician ▶ Assistant Administrator ▶ Network Administrator Occupations requiring a Baccalaureate Degree <ul style="list-style-type: none"> ▶ IT Project Manager ▶ IT Manager ▶ IT Trainer ▶ Support Specialist Supervisor ▶ Senior Network Administrator
	10	English 10 (1 credit)	Geometry (1 credit)	Science (1 credit)	World Studies (1 credit)	Fitness (1 credit)	Elective class (1 credit)		
	11	English 11 (1 credit)			US History (1 credit)		<ul style="list-style-type: none"> • ITS3 1 (3 credits) • Elective class (1 credit) 		
	12	English 12 (1 credit)	Algebra 2 or CTE Math (1 credit)		CWI (1 credit)		<ul style="list-style-type: none"> • ITS3 2 (3 credits) * 15 possible college credits w/"B" grade or higher 		

Courses shown in **RED** indicate courses articulated with local colleges. College credit can be earned through those courses.

Post Secondary Options	13 and Beyond	Complete a registered apprenticeship and/or enter directly into the workforce	Earn a Technical Certificate from a community or technical college and enter the workforce	Earn an Associate's Degree from a community or technical college and enter the workforce	Earn a Baccalaureate Degree and enter the workforce
	Program Options	Possible apprenticeship options w/ priority entrance for Skills Center program completers: <ul style="list-style-type: none"> • None for this program 	<u>Clark Community College:</u> <ul style="list-style-type: none"> • Computer Support • Cisco Network Technician • Microsoft Network Technician • Datacenter Technician <u>Portland Community College:</u> <ul style="list-style-type: none"> • Computer Information Systems • Computer Applications <u>Mt. Hood Community College:</u> <ul style="list-style-type: none"> • Computer Information Systems: Information Technology • Computer Information Systems: Network and Operating Systems <u>Lower Columbia Community College:</u> <ul style="list-style-type: none"> • Help Desk Technician • Networking 	<u>Clark Community College:</u> <ul style="list-style-type: none"> • Computer Support Specialist • Cisco Network Technologies • Microsoft Network Technologies <u>Portland Community College:</u> <ul style="list-style-type: none"> • Computer Information Systems • Computer Information Systems:Health Informatics <u>Lower Columbia Community College:</u> <ul style="list-style-type: none"> • Information Technology Systems <u>Mt. Hood Community College:</u> <ul style="list-style-type: none"> • Computer Information Systems: Information Technology • Computer Information Systems: Network and Operating Systems 	<u>Washington State University-Pullman and Vancouver:</u> <ul style="list-style-type: none"> • Computer Science <u>Portland State University</u> <ul style="list-style-type: none"> • Computer Science <u>University of Washington</u> <ul style="list-style-type: none"> • Computer Science